



INFORMATICS  
INSTITUTE OF  
TECHNOLOGY

UNIVERSITY OF  
WESTMINSTER 

**Informatics Institute of Technology**  
**Department of Computing**

Course eg: Bsc Software Engineering

**Module: 4COSC0011C Web Design & Development**

**Module Leader: Ms. Aloka Fernando**

**Group Coursework Report**

Tutorial Group : SE group A L4

Coursework Group No : 6

Student IIT ID : 2018844

Student UoW ID : 17154156

Student First Name : Nisheanthan

Student Sur Name : Karthikeyan

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# 1. Introduction

Website Topic – “Football Corner”

Team Members

1. Chiran Ranatunga 2018814 (Group Leader)
2. Anushka Alwis 2018088
3. Sahan Liyangaskumbura 2018819
4. Karthikeyan Nishenthana 2018844

## 2. Technical Discussion

Student Number – Student 03

### Task 1 – Making the Quiz

#### Approach taken

1. The quizzes and the answers were stored in JavaScript objects
2. The command / manipulation buttons were made using HTML and styled by CSS
3. Division contain the questions and timer and styled by CSS to get user attracted.
4. The quizzes were extracted from Online medium. ([www.jagranjosh.com](http://www.jagranjosh.com))

#### Implementation

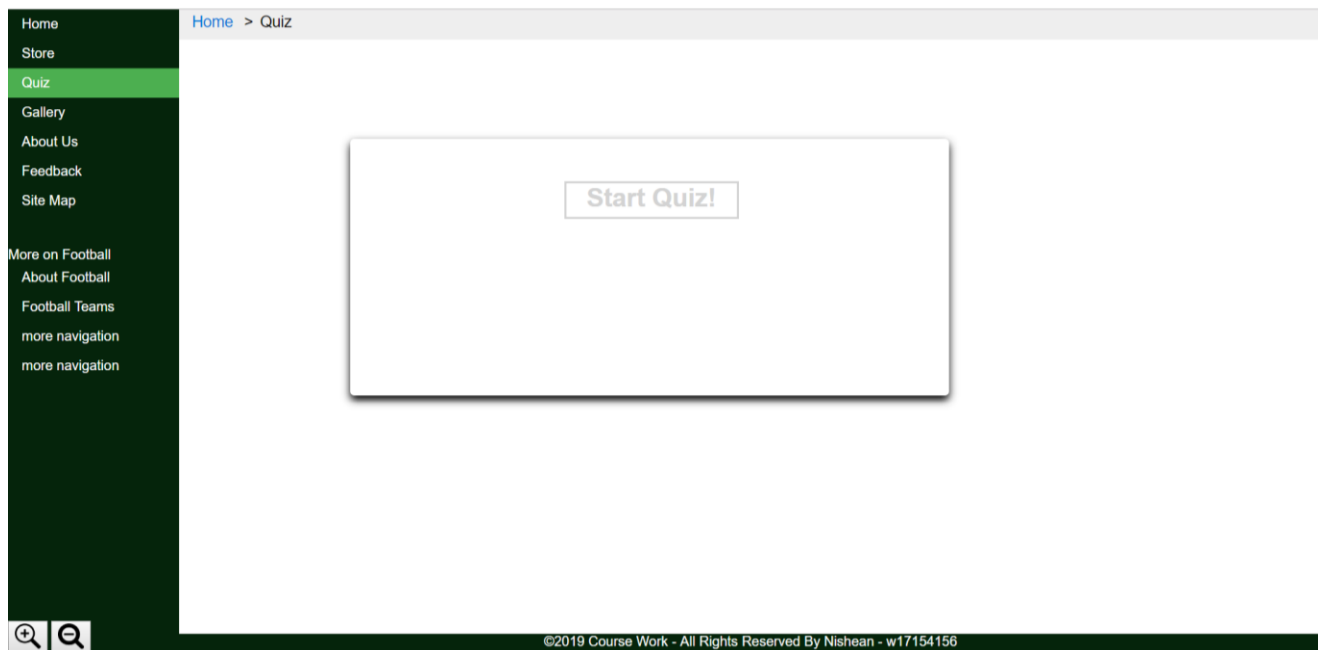
1. Quizzes are in JavaScript objects. JavaScript functions are used to call the objects.
2. The interval to call/ display the questions is 10 seconds.
3. The user’s mouse clicks are assigned as functions and assigned to JavaScript objects
4. “Correct” answer increases the “correct counter, “incorrect” answer increases the “incorrect counter”
5. Correct answers changes the circle (progression bar) colour to green, incorrect is shown in red. “If” conditions are used in this procedure.
6. Correct answers are allocated 2 marks each. Incorrect marks are allocated -1 mark each.
7. To get the score percentage as a whole number math.round method is used.
8. Background colour changes according to marks as follows, Marks>50 = Green colour | Marks<50 Red colour.
9. The Ternary operator is used to determine the background colour.
10. Finally, Student 1’s “Font size incrementor” was added to this page.

#### Difficulties and solving strategy

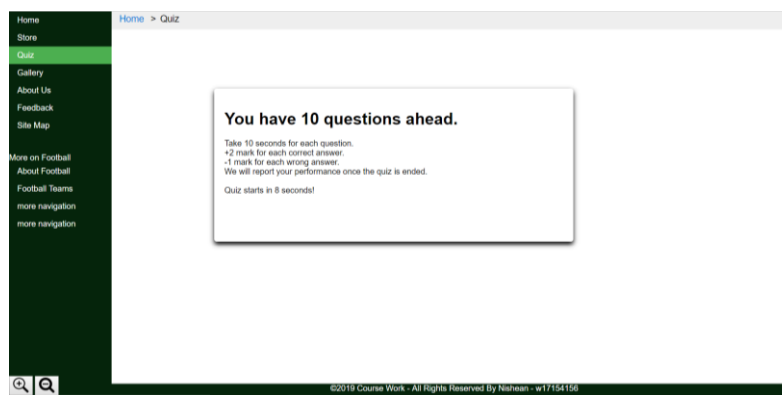
Difficulty	Solving Strategy
Figuring out the quiz answer option alignment strategy	Initial idea was to implement it based on waterfall alignment method. Later discussions with Sahan lead to display the quiz options horizontally aligned so that it adheres to standard UI principles.
Problem of displaying marks as minus values (The question “is it a standard practice?” was raised)	Display the marks as “0” if it comes to minus as a standard. But display the minus value for the user in terms of awareness.

## Screenshots

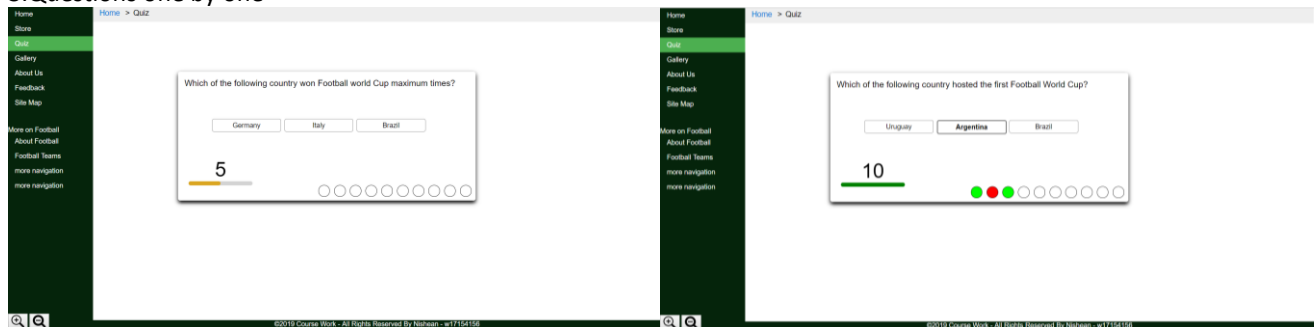
### 1.Interface

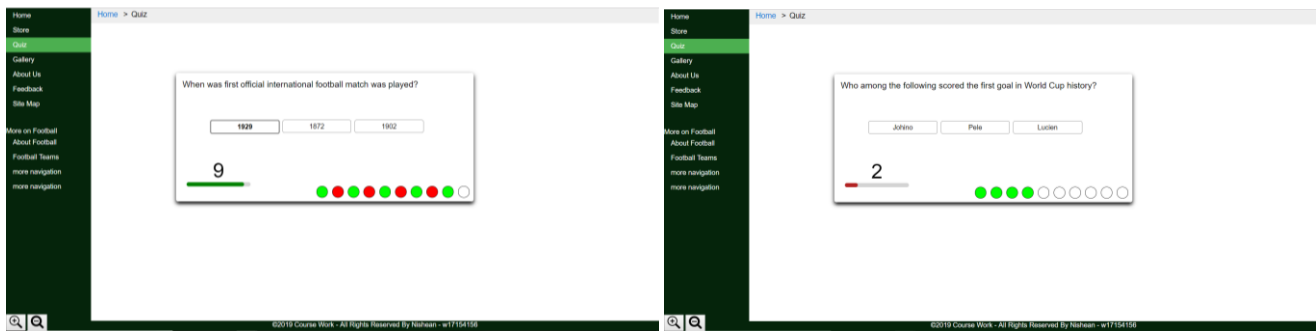


### 2.After Clicking “Start Quiz!” button.

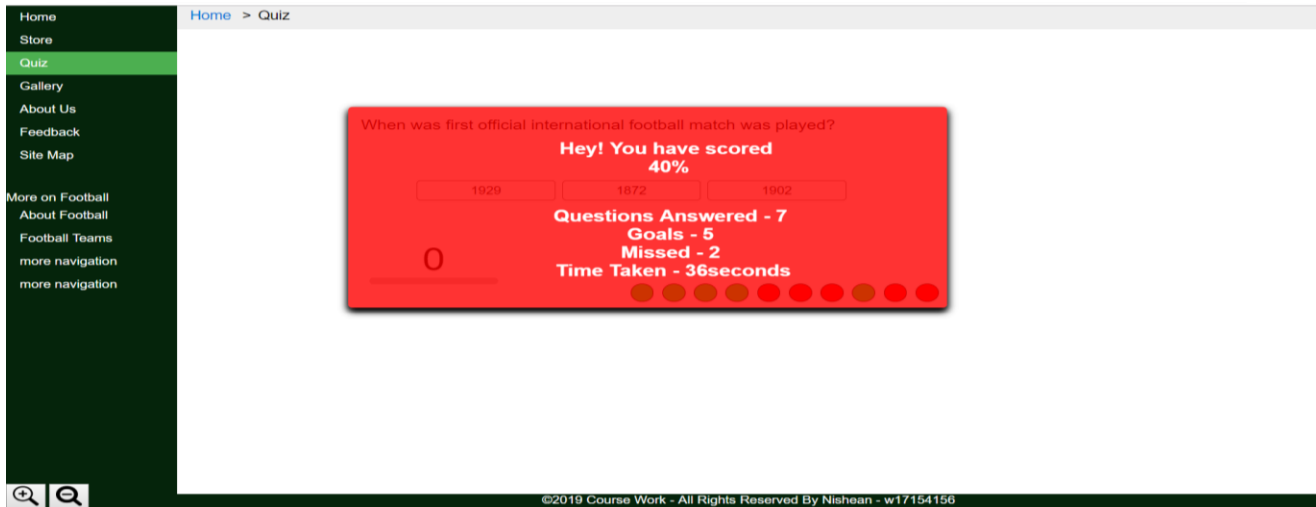


### 3.Questions one by one

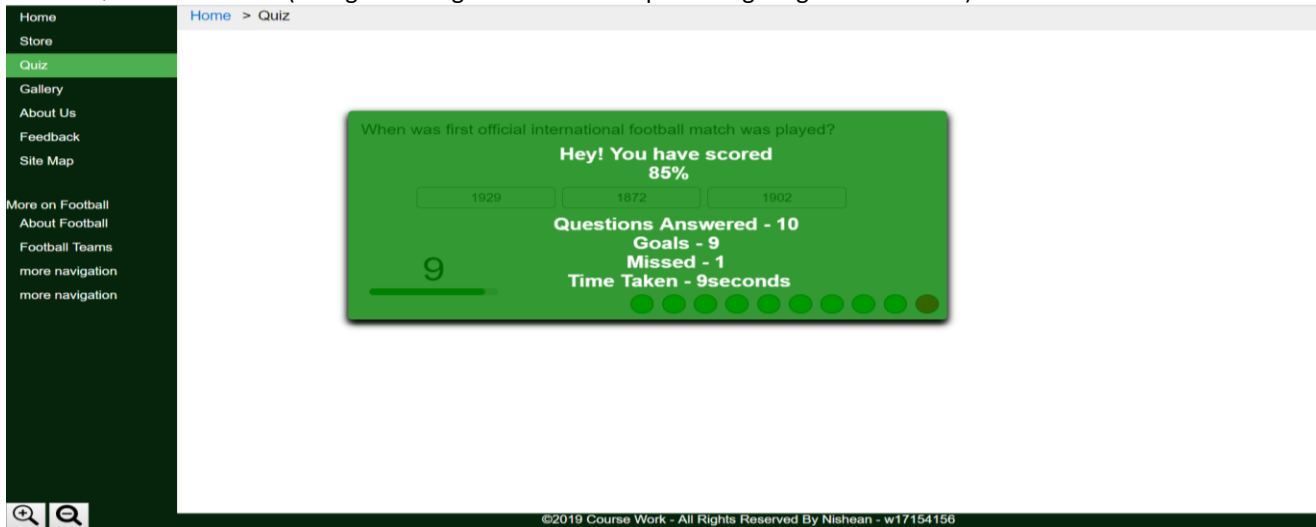




4.After Question finishes. (background is red since score percentage is less than 50)



5.After Question finishes. (background is green since score percentage is greater than 50)



## Code

HTML

```
<!DOCTYPE html>
<html>
<head>
    <title>Quiz</title>
    <meta charset="UTF-8">

    <link rel="stylesheet" type="text/css" href="../navigation.css"/>
    <link rel="stylesheet" type="text/css"
href="../SharedComponents/CommonCSS/breadCrumbs.css"/>
    <link rel="stylesheet" type="text/css" href="CSS/q_style.css"/>
    <script type="text/javascript" src="JS/q_script.js"> </script>
</head>

<body>
    <div id="navigation">
        <ul id="navigation">
            <li><a href="../index.html"
onclick="selectMenuItem(this)">Home</a></li>
            <li><a href="../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>
            <li><a class="active">Quiz</a></li>
            <li><a href="../Student 4/8/8.html"
onclick="selectMenuItem(this)">Gallery</a></li>
            <li><a href="../Student03/details_page.html"
onclick="selectMenuItem(this)">About Us</a></li>
            <li><a href="../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
            <li><a href="../Student 4/6/6.html" onclick="selectMenuItem(this)">Site
Map</a></li>

            <br> <br>
            More on Football
            <li><a href="../Student03/About_football.html"
onclick="selectMenuItem(this)">About Football</a></li>
            <li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
            <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
            <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
            <li class="bottom-li">
                <button onclick="changeFontSize(0.05)"></button>
                <button onclick="changeFontSize(-0.05)"></button>
            </li>
        </ul>
    </div>

    <div id="breadcrumb">
```

```

<p class="breadcrumb">
  <span>
    <a href="../index.html">
      Home
    </a>
  </span>
  <span>Quiz</span>
</p>
</div>

<div id="pageContainer">
  <div id="qContainer">
    <div id="startBtn" onclick="startQuiz()">Start Quiz!</div>
    <div id="instruction" style="display: none">
      <h1>You have 10 questions ahead.</h1>
      <div>
        <span>Take 10 seconds for each question.</span> <br>
        <span>+2 mark for each correct answer.</span> <br>
        <span>-1 mark for each wrong answer.</span> <br>
        <span>We will report your performance once the quiz is
ended.</span> <br> <br>
      </div>
      Quiz starts in <span id="seconds">10 seconds!</span>
    </div>
    <div id="quiz" style="display: none">
      <div id="qDisplay"></div>
      <div id="choices">
        <div class="choice" id="A" onclick="checkAnswer('A')"></div> <br>
        <div class="choice" id="B" onclick="checkAnswer('B')"></div> <br>
        <div class="choice" id="C" onclick="checkAnswer('C')"></div> <br>
      </div>

      <div id="timer">
        <div id="counter"></div>
        <div id="bgTimeBar"></div>
        <div id="timeBar"></div>
      </div>

      <div id="progressBar"></div>

    </div>

    <div id="scoreContainer" style="display: none">
      <p> Hey! You have scored <br><span id="percentage"> </span>%</p>
      <div>
        Questions Answered - <span id="answered"></span> <br>

```

```

        Goals - <span id="correct"></span> <br>
        Missed - <span id="incorrect"></span> <br>
        Time Taken - <span id="timeTaken"></span>seconds
    </div>
</div>
</div>

</div>

<div id='footer'>
    &copy;2019 Course Work - All Rights Reserved By <a href="CV_Nishean.html"
target="_blank"> Nishean -
        w17154156
    </a>
</div>
</div>
</body>

</html>

```

```

JS
var quiz = [
    {
        question : "Which of the following country won Football world Cup maximum
times?",
        choiceA : "Germany",
        choiceB : "Italy",
        choiceC : "Brazil",
        correct : "C"
    },{
        question : "Who among the following player scores highest number of goals in
Football World Cup?",
        choiceA : "Klose",
        choiceB : "Pele",
        choiceC : "Meradona",
        correct : "A"
    },{
        question : "Which of the following term is recognised as an early form of
football by FIFA?",
        choiceA : "Inuit",
        choiceB : "Episkyros",
        choiceC : "kemari",
        correct : "B"
    },
    {
        question : "Which of the following country hosted the first Football World
Cup?",
        choiceA : "Uruguay",

```



```

        choiceB : "Argentina",
        choiceC : "Brazil",
        correct : "A"
    },
    {
        question : "Who among the following scored the first goal in World Cup
history?",
        choiceA : "Johino",
        choiceB : "Pele",
        choiceC : "Lucien",
        correct : "C"
    },
    {
        question : "Which of following team do not play in stripes?",
        choiceA : "Newcastle",
        choiceB : "Southampton",
        choiceC : "Tottenham Hotspur",
        correct : "C"
    },
    {
        question : "When was the first FIFA World Cup inaugurated?",
        choiceA : "1932",
        choiceB : "1930",
        choiceC : "1931",
        correct : "B"
    },
    {
        question : "Which country became the first nation to win the Football World
Cup?",
        choiceA : "Uruguay",
        choiceB : "Germany",
        choiceC : "Argentina",
        correct : "A"
    },
    {
        question : "Who among the following achieved the first World Cup hat-trick?",
        choiceA : "Bert",
        choiceB : "Lucien",
        choiceC : "Pele",
        correct : "A"
    },
    {
        question : "When was first official international football match was played?",
        choiceA : "1929",
        choiceB : "1872",
        choiceC : "1902",
        correct : "B"
    }

```

```

    }
];

const lastQuestion = quiz.length - 1;
const questionTime = 10; // 10s
const gaugeWidth = 150; // timer gauge - 150px
const gaugeUnit = gaugeWidth / questionTime;

var runningQuestion = 0;
var count = 10;
var correct = 0;
var inCorrect = 0;
var totalTime = 0;

var runner;
var instruction;

console.log('Welcome To Football Quiz Page');

// start quiz
function startQuiz(){
    console.log('Starting Quiz');
    document.getElementById("startBtn").style.display = "none";
    document.getElementById("instruction").style.display = "block";

    instructor(10);

    setTimeout(function(){
        console.log('Quiz Started')
        getQuestion();
        getProgressBar();
        startTimer();
        runner = setInterval(startTimer,1000);
        clearInterval(instruction);
    },10000);
}

function instructor(duration) {
    var timer = duration - 1;
    instruction = setInterval(function () {
        var seconds = parseInt(timer);
        document.getElementById('seconds').textContent = seconds + " seconds!";
        if(seconds > 0) {
            timer--;
            if (timer < 0) {
                timer = duration;
            }
        }
    }, 1000);
}

```

```

        if (seconds == 1){
            document.getElementById('seconds').textContent = seconds + " second!";
        }
    }else {
        document.getElementById("quiz").style.display = "block";
        document.getElementById("instruction").style.display = "none";
        console.log('Instruction Given')
    }
}, 1000);

}
// Start Timer
function startTimer(){
    if(count <= questionTime && count>=0){
        document.getElementById("counter").innerHTML = count;
        document.getElementById("counter").style.color = "black";
        document.getElementById("timeBar").style.width = count * gaugeUnit + "px";
        if (count <= 3) {
            document.getElementById("timeBar").style.backgroundColor = "#B22222";
        } else if(count <= 5){
            document.getElementById("timeBar").style.backgroundColor = "#DAA520";
        }else {
            document.getElementById("timeBar").style.backgroundColor = "#008000";
        }
        count--;
        totalTime++;
    }else{
        count = 10;
        // change progressBar color to red
        answerIsWrong();
        if(runningQuestion < lastQuestion){
            runningQuestion++;
            getQuestion();
        }else{
            // end the quiz and show the score
            clearInterval(runner);
            getScore();
        }
    }
}
//console.log('check 2 ' + (count - 1));
}
// get a question
function getQuestion(){
    var q = quiz[runningQuestion];

    document.getElementById("qDisplay").innerHTML = "<p>" + q.question + "</p>";
    document.getElementById("A").innerHTML = q.choiceA;

```

```

        document.getElementById("B").innerHTML = q.choiceB;
        document.getElementById("C").innerHTML = q.choiceC;
    }
    // get progressBar
    function getProgressBar(){
        for(var qIndex = 0; qIndex <= lastQuestion; qIndex++){
            document.getElementById("progressBar").innerHTML += "<div class='prog' id="+
qIndex +"></div>";
        }
    }
    // checkAnswer
    function checkAnswer(answer){
        if( answer == quiz[runningQuestion].correct){
            // answer is correct
            correct++;
            // change progressBar color to green
            answerIsCorrect();
        }else{
            // answer is wrong
            incorrect++;
            // change progressBar color to red
            answerIsWrong();
        }
        count = 10;
        if(runningQuestion < lastQuestion){
            runningQuestion++;
            getQuestion();
        }else{
            // end the quiz and show the score
            clearInterval(runner);
            getScore();
        }
    }

    // if answer is correct
    function answerIsCorrect(){
        document.getElementById(runningQuestion).style.backgroundColor = "#0f0";
    }

    // if answer is Wrong
    function answerIsWrong(){
        document.getElementById(runningQuestion).style.backgroundColor = "#f00";
    }

    // get score
    function getScore(){

```

```

    var timeTaken = totalTime - quiz.length; // since questions are displayed 1sec
    later, we are reducing that time get accurate time taken
    console.log('quiz ended');
    console.log('number of correct answer: ' + correct);
    console.log('number of in-correct answer: ' + inCorrect);
    console.log('total time taken: ' + timeTaken);
    console.log(quiz.length);

    var score = 100*(((correct*2) - inCorrect)/(quiz.length*2));
    var scorePerCent = Math.round(score) ;
    // var answered = (quiz.length) - (correct+inCorrect);
    displayScore(scorePerCent,correct,inCorrect,timeTaken);

}

function displayScore(scorePerCent,correct,inCorrect,timeTaken){
    var answered = correct+inCorrect;
    document.getElementById("scoreContainer").style.display = "block";
    document.getElementById("scoreContainer").style.backgroundColor = (scorePerCent >=
50) ? "green" : "red";
    document.getElementById("percentage").innerHTML = scorePerCent;
    document.getElementById("answered").innerHTML = answered;
    document.getElementById("correct").innerHTML = correct;
    document.getElementById("incorrect").innerHTML = inCorrect;
    document.getElementById("timeTaken").innerHTML = timeTaken;
}

function changeFontSize(pixels) {
    var textSize = document.body.style.fontSize;
    if (textSize == "") {
        document.body.style.fontSize = "1.0em";
    }

    document.body.style.fontSize = parseFloat(document.body.style.fontSize) + pixels +
    "em";
}

```

## Task 2 – Student Details Page

### Approach taken

1. Mouse over and mouse and mouse out events are used to trigger the show description function

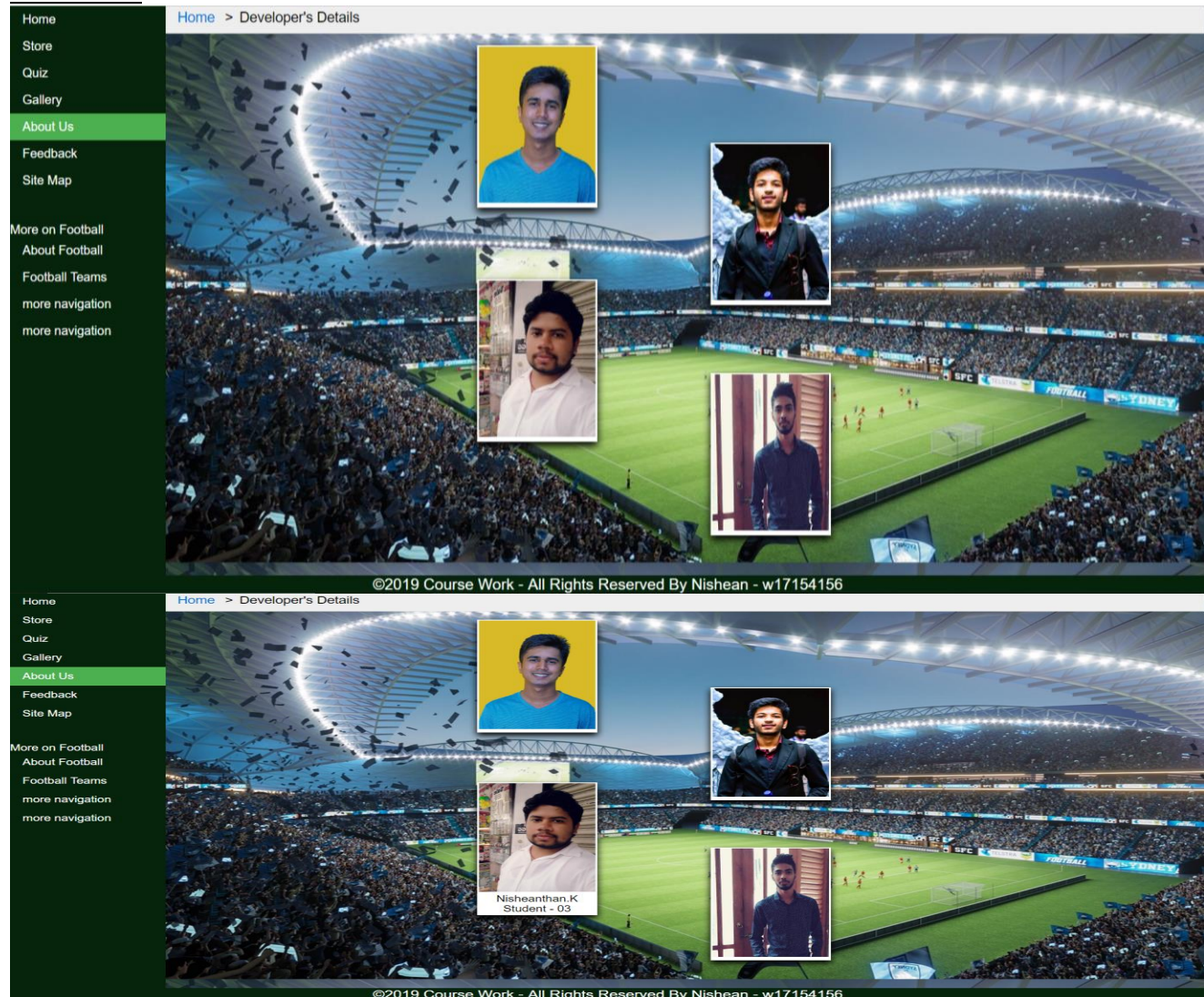
### Implementation

1. The four pictures were displayed using CSS “float” method.
2. Mouse over and mouse and mouse out events are used to trigger the show description function.
3. Switch cases are used to determine the mouse pointer.

### Difficulties and Solving Strategy

Difficulty	Solving Strategy
Avoiding white spaces	Using background image to counter the excess white space

### Screenshots



HTML

```
<!DOCTYPE html>
<html>
<head>
    <title>Player Details</title>
    <meta charset="UTF-8">

    <link rel="stylesheet" type="text/css" href="../navigation.css"/>
    <link rel="stylesheet" type="text/css"
href="../SharedComponents/CommonCSS/breadCrumbs.css">
    <link rel="stylesheet" type="text/css" href="CSS/d_style.css">
    <script type="text/javascript" src="JS/d_script.js"></script>
</head>

<body>
    <div id="navigation">
        <ul id="navigation">
            <li><a href="../index.html"
onclick="selectMenuItem(this)">Home</a></li>
            <li><a href="../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>
            <li><a href="quiz_page.html"
onclick="selectMenuItem(this)">Quiz</a></li>
            <li><a href="../Student 4/8/8.html"
onclick="selectMenuItem(this)">Gallery</a></li>
            <li><a class="active">About Us</a></li>
            <li><a href="../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
            <li><a href="../Student 4/6/6.html" onclick="selectMenuItem(this)">Site
Map</a></li>

            <br> <br>
            More on Football
            <li><a href="../Student03/About_football.html"
onclick="selectMenuItem(this)">About Football</a></li>
            <li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
            <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
            <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
        </ul>
    </div>

    <div id="breadcrumb">
        <p class="breadcrumb">
            <span>
                <a href="../index.html">
                    Home
                </a>
            </span>
        </p>
    </div>
```

```

        <span>Developer's Details</span>
    </p>
</div>

<div class='player' id='chiran' onmouseover="showDescription(this.id)"
onmouseout="noDescription()">
    
    <div class="description" style="display: none">
        Chiran.R <br>
        Student - 01
    </div>
</div>

<div class='player' id='sahan' onmouseover="showDescription(this.id)"
onmouseout="noDescription()">
    
    <div class="description" style="display: none">
        Sahan.P<br>
        Student - 02
    </div>
</div>

<div class='player' id='nishean' onmouseover="showDescription(this.id)"
onmouseout="noDescription()">
    
    <div class="description" style="display: none">
        Nisheanthan.K<br>
        Student - 03
    </div>
</div>

<div class='player' id='anushka' onmouseover="showDescription(this.id)"
onmouseout="noDescription()">
    
    <div class="description" style="display: none">
        Anushka.M<br>
        Student - 04
    </div>
</div>

<div id='footer'>
    &copy;2019 Course Work - All Rights Reserved By <a href="CV_Nishean.html"
target="_blank"> Nishean - w17154156 </a>
</div>
</body>

</html>

```



JS

```
var player = document.getElementsByClassName("description");
```

```
var i;
```

```
function showDescription(nameID){  
    console.log('mouse over', nameID);  
  
    switch(nameID){  
        case 'chiran': num = 0;  
            break;  
        case 'sahan': num = 1;  
            break;  
        case 'nishean': num = 2;  
            break;  
        case 'anushka': num = 3;  
            break;  
    }  
  
    for (i = 0; i < player.length; i++) {  
        player[num].style.display = "block";  
    }  
  
}  
  
function noDescription(){  
    for (i = 0; i < player.length; i++) {  
        player[i].style.display = "none";  
    }  
}
```

## Task 3 – CV

### Approach Taken

1. HTML was used to display the content
2. CSS was used for styling and alignment
3. The content was taken from the existing personal CV already created.


### Implementation

1. The above approach was taken to assign the correct content to each section and align them accordingly.

### Difficulties and Solving Strategy

Since we already did our tutorials, we didn't face issues on making a web CV.

Education Details	
<b>Undergraduate Program</b>	
BEng. Software Engineering at Informatics Institute of Technology - 2018	
<b>G.C.E. Advanced Level</b>	<b>G.C.E. Ordinary Level</b>
School – Highlands College, Hatton. Year - 2016	School – Highlands College, Hatton. Year - 2013
Combined Mathematics – C Physics – C Chemistry - S General English – A GIT – A General Knowledge - 77	Mathematics -A English -A Commerce -A Information Technology -A History -A Religion -A Science -B Tamil Language -C English Literature -C
<b>Professional Details</b>	
Customer Care Executive (July/2017 – August/2018) Company : Aegis Service Lanka (pvt) Ltd. Job Role : Handling Customer Queries for Dialog Television	
<b>Personal Skills</b>	
<ul style="list-style-type: none"><li>• Team Player</li><li>• Self-Organization</li><li>• Flexibility</li><li>• Time-Management</li><li>• Self Confidence</li><li>• Creative approaches on problem solving</li></ul>	

 <b>Nisheanthan</b> Karthikeyan
<b>Contact Details</b>
Phone: 0771262892 Mail: nisheanthan@gmail.com Address: 174 3/7, MJM Laffir Mawatha, Colombo-12.
<b>Personal Details</b>
Full Name: Karthikeyan Nisheanthan DOB: 20/06/1997 Gender: Male Nationality: Srilankan NIC: 971723491v Religion: Hinduism
<b>Personal Interests</b>
Cricket Chess Carrom Coding

```
<!doctype html>
<html>
<head>
  <title>
    Nisheanthan - w17154156 (2018844)
  </title>
  <link type="text/css" href="CSS/cv_style.css" rel="stylesheet"></link>
</head>

<body>
  <div id="cvContent">
    <aside>
      
      <div id="sideContainer">
        <div class="nameId">
          <h1> Nisheanthan </h1>
```

```

        <h4> Karthikeyan </h4>
    </div>
    <div class="contactDetail">
        <h3><span>Contact Details</span></h3>
        <p>
            <span>Phone: </span> 0771262892 <br>
            <span>Mail: </span> nisheanthan@gmail.com <br>
            <span>Address: </span> 174 3/7, MJM Laffir Mawatha, Colombo-12.
<br>

        </p>
    </div>

    <div class="personalDetail">
        <h3><span> Personal Details </span></h3>
        <p>
            <span>Full Name: </span> Karthikeyan Nisheanthan <br>
            <span>DOB: </span> 20/06/1997 <br>
            <span>Gender: </span> Male <br>
            <span>Nationality: </span> Srilankan <br>
            <span>NIC: </span>971723491v <br>
            <span>Religion: </span> Hinduism <br>
        </p>
    </div>

    <div class="personalInterest">
        <h3><span> Personal Interests </span></h3>
        <div id="interest1"> Cricket </div>
        <div id="interest2"> Chess </div>
        <div id="interest3"> Carrom </div>
        <div id="interest4"> Coding </div>
    </div>

</div>
</aside>

<section>
    <div class="educationDetail">
        <h3> <span> Education Details </span></h3>

        <div class="underGraduate">
            <h4>Undergraduate Program </h4>
            BEng. Software Engineering at Informatics Institute of
Technology - 2018
        </div>

        <div class="aLevel">
            <h4>G.C.E. Advanced Level </h4>

```

School - Highlands College, Hatton. <br>  
Year - 2016 <br> <br>  
Combined Mathematics - C <br>  
Physics - C <br>  
Chemistry - S <br>  
General English - A <br>  
GIT - A <br>  
General Knowledge - 77 <br>

</div>

<div class="oLevel">

<h4>G.C.E. Ordinary Level </h4>

School - Highlands College, Hatton. <br>  
Year - 2013 <br> <br>  
Mathematics -A <br>  
English -A <br>  
Commerce -A <br>  
Information Technology -A <br>  
History -A <br>  
Religion -A <br>  
Science -B <br>  
Tamil Language -C <br>  
English Literature -C <br>

</div>

</div>

<div class="professionalDetail">

<h3><span> Professional Details </span></h3>

Customer Care Executive (July/2017 - August/2018) <br>  
Company : Aegis Service Lanka (pvt) Ltd. <br>  
Job Role : Handling Customer Queries for Dialog Television

</div>

<div class="personalSkill">

<h3><span> Personal Skills </span></h3>

<ul>

- <li>Team Player </li>
- <li>Self-Organization</li>
- <li>Flexibility</li>
- <li>Time-Management</li>
- <li>Self Confidence</li>
- <li>Creative approaches on problem solving </li>

</ul>

</div>

</section>

</div>

</body>

</html>

## Task 4 – About Football

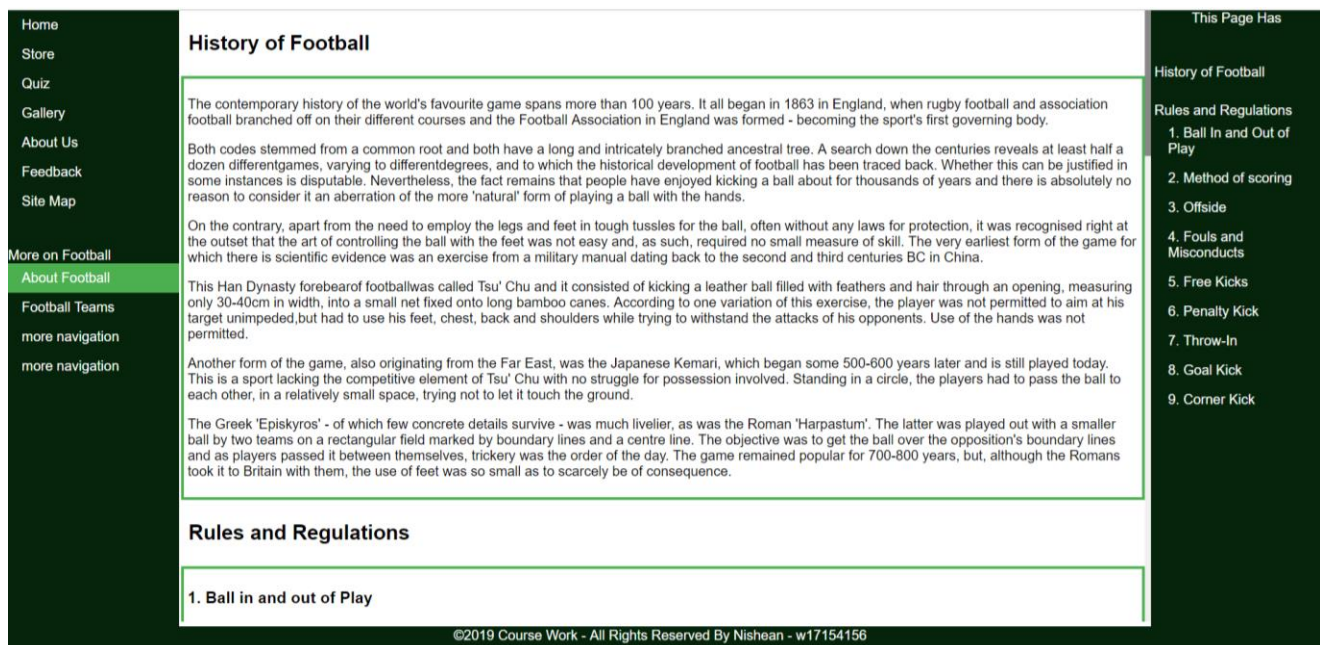
### Approach Taken

1. HTML was used to display the content about a brief explanation on football and rules
2. CSS was used for styling and alignment.
3. The content was taken from internet. (www.slideshare.net)

### Implementation

1. Since this is a page with lots of information, I have used Pictures in between to make user easy about the content.

### Difficulties and Solving Strategy



<!DOCTYPE html>

<html>

<head>

<title>All about Football</title>

```

<link rel="stylesheet" type="text/css"
href="../../SharedComponents/CommonCSS/breadCrumbs.css">
<link rel="stylesheet" type="text/css" href="../../navigation.css"/>
<link rel="stylesheet" type="text/css" href="CSS/abtFootball_style.css">
</head>
<body>
<ul id="navigation">
<li><a href="../../index.html" onclick="selectMenuItem(this)">Home</a></li>
<li><a href="../../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>
<li><a href="quiz_page.html" onclick="selectMenuItem(this)">Quiz </a></li>
<li><a href="../../Student 4/8/8.html" onclick="selectMenuItem(this)">Gallery</a></li>
<li><a href="details_page.html" onclick="selectMenuItem(this)">About Us</a></li>
<li><a href="../../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
<li><a href="../../Student 4/6/6.html" onclick="selectMenuItem(this)">Site
Map</a></li>
<br> <br>
More on Football
<li><a class="active">About Football</a></li>
<li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
<li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
<li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
</ul>

<div id="pageContainer">
<div id="aboutFootball">
<div id="history">
<h2> History of Football</h2>
<div>
<p class="p1">
The contemporary history of the world's favourite game spans more than 100
years. It all began in 1863 in England, when rugby football and association football
branched off on their different courses and the Football Association in England was
formed - becoming the sport's first governing body.
</p>

<p class="p2">
Both codes stemmed from a common root and both have a long and intricately
branched ancestral tree. A search down the centuries reveals at least half a dozen
different games, varying to different degrees, and to which the historical development of
football has been traced back. Whether this can be justified in some instances is
disputable. Nevertheless, the fact remains that people have enjoyed kicking a ball
about for thousands of years and there is absolutely no reason to consider it an
aberration of the more 'natural' form of playing a ball with the hands.
</p>

```

<p class="p3">

On the contrary, apart from the need to employ the legs and feet in tough tussles for the ball, often without any laws for protection, it was recognised right at the outset that the art of controlling the ball with the feet was not easy and, as such, required no small measure of skill. The very earliest form of the game for which there is scientific evidence was an exercise from a military manual dating back to the second and third centuries BC in China.

</p>

<p class="p4">

This Han Dynasty forebear of football was called Tsu' Chu and it consisted of kicking a leather ball filled with feathers and hair through an opening, measuring only 30-40cm in width, into a small net fixed onto long bamboo canes. According to one variation of this exercise, the player was not permitted to aim at his target unimpeded, but had to use his feet, chest, back and shoulders while trying to withstand the attacks of his opponents. Use of the hands was not permitted.

</p>

<p class="p5">

Another form of the game, also originating from the Far East, was the Japanese Kemari, which began some 500-600 years later and is still played today. This is a sport lacking the competitive element of Tsu' Chu with no struggle for possession involved. Standing in a circle, the players had to pass the ball to each other, in a relatively small space, trying not to let it touch the ground.

</p>

<p class="p6">

The Greek 'Episkyros' - of which few concrete details survive - was much livelier, as was the Roman 'Harpastum'. The latter was played out with a smaller ball by two teams on a rectangular field marked by boundary lines and a centre line. The objective was to get the ball over the opposition's boundary lines and as players passed it between themselves, trickery was the order of the day. The game remained popular for 700-800 years, but, although the Romans took it to Britain with them, the use of feet was so small as to scarcely be of consequence.

</p>

</div>

</div>

<div id="rulesRegulations">

<h2>Rules and Regulations</h2>

<div id="rule1" class="rules">

<h3>Ball in and out of Play</h3>

<div class="text">

The soccer ball is out of bounds when it has crossed the goal line or touchline whether on the ground or in air. If it rebounds off the referee, an assistant referee, a goal post, crossbar, or corner flag post and remains inside the field, then it is still in play.

```
</div>
<div id="img">
  
</div>
</div>
```

```
<div id="rule2" class="rules">
  <h3>Method of scoring</h3>
  <div class="text">
```

A goal is scored in football if the ball crosses the goal line between the two goalposts and under the crossbar, as long as no violation of the rules has taken place. The side that scores the most goals wins. If both teams have the same number of goals at the end of the match, it is considered a draw even if neither of them scored a goal.

```
</div>
<div id="img">
  
</div>
</div>
```

```
<div id="rule3" class="rules">
  <h3>Offside</h3>
  <div class="text">
```

A player is in offside position if there are fewer than two defenders (including the goalie) between him and the goal line. A violation of the offside rule in football occurs if he is in that position and the ball is played to him. A free kick is awarded to the opposition if a player is caught offside.

```
</div>
<div id="img">
  
</div>
</div>
```

```
<div id="rule4" class="rules">
  <h3>Fouls and Misconducts</h3>
  <div class="text">
```

The following are the most common fouls in football: kicking, tripping, pushing, or charging another player recklessly; striking or attempting to strike an opponent or any member of the opposing side. A foul is called if a player: makes a tackle but hits the player before the ball; deliberately handles the ball (except the goalkeeper in his proper area); or if he uses excessive force in defending an opponent.

```
</div>
<div id="img">
  
</div>
</div>
```



```
<div id="rule5" class="rules">
```

```
<h3>Free Kicks</h3>
```

```
<div class="text">
```

A restarts a play after a foul or rule infringement is committed and is usually taken from the spot where the violation was committed. A free-kick can either be “direct”, in which a kicker may score directly, or “indirect”, in which another player must touch the ball before a goal can be scored.

```
</div>
```

```
<div id="img">
```

```

```

```
</div>
```

```
</div>
```

```
<div id="rule6" class="rules">
```

```
<h3>Penalty Kick</h3>
```

```
<div class="text">
```

A penalty kick in football is awarded if a defender commits a foul inside its own penalty area. The kick is taken from the penalty spot and all the players (except the kicker and the goalkeeper) must be outside the penalty area and penalty arc.

```
</div>
```

```
<div id="img">
```

```

```

```
</div>
```

```
</div>
```

```
<div id="rule7" class="rules">
```

```
<h3> Throw-In</h3>
```

```
<div class="text">
```

A throw-in in football is awarded to a team if the ball goes over the touchline. It is awarded to the team opposing the side that touched the ball last. The throw is taken from the spot where the ball goes out of bounds. The taker must throw the ball with both hands, both feet on the ground, and facing the field of play.

```
</div>
```

```
<div id="img">
```

```

```

```
</div>
```

```
</div>
```

```
<div id="rule8" class="rules">
```

```
<h3>Goal Kick</h3>
```

```
<div class="text">
```

A goal-kick in football is awarded to the defending team if the opposing team causes the ball to go over the goal-line. Any player from the defending side is allowed to take the goal kick. It must be taken anywhere on the goal area and must go beyond the penalty area or it will be retaken. The ball must be touched by another player before the taker can play it again.

```
</div>
<div id="img">
</div>
</div>
```

```
<div id="rule9" class="rules">
```

```
<h3> Corner Kick</h3>
```

```
<div class="text">
```

A corner kick in football is awarded to the attacking team if an opposing player is the last to touch the ball before it goes out of bounds on the goal-line. The attacking team resumes play by placing the ball in the corner arc nearest to where it crossed the goal line.

```
</div>
```

```
<div id="img">
```

```

```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div id="sideContainer">
```

```
<center>This Page Has</center>
```

```
<br> <br>
```

```
<a href="#history">History of Football</a> <br>
```

```
<ul>Rules and Regulations
```

```
<li><a href="#rule1">Ball In and Out of Play</a></li>
```

```
<li><a href="#rule2">Method of scoring</a></li>
```

```
<li><a href="#rule3">Offside</a></li>
```

```
<li><a href="#rule4">Fouls and Misconducts</a></li>
```

```
<li><a href="#rule5">Free Kicks</a></li>
```

```
<li><a href="#rule6">Penalty Kick</a></li>
```

```
<li><a href="#rule7">Throw-In</a></li>
```

```
<li><a href="#rule8">Goal Kick</a></li>
```

```
<li><a href="#rule9">Corner Kick</a></li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
<div id='footer'>
```

&copy;2019 Course Work - All Rights Reserved By <a href="CV\_Nishean.html" target="\_blank"> Nishean - w17154156 </a>

```
</div>
```

```
</body>
```

```
</html>
```

### 3. Discussion of UI and application of UX principles

#### 3.1 Information architecture

##### a. Design

###### Web Folder Structure

Website folder styled with understandable folder and file names and structured with separate JS folder, CSS folder and images under assets folder.

rsemester_1 > Coursework01 > WebGroupCoursework > Student03					Search Student03
<input type="checkbox"/>	Name	Date modified	Type	Size	
	Assets	3/17/2019 11:41 PM	File folder		
	CSS	3/17/2019 8:19 PM	File folder		
	JS	3/13/2019 11:55 PM	File folder		
	About_football	3/19/2019 4:03 PM	Chrome HTML Do...	10 KB	
	CV_Nishean	3/10/2019 4:52 AM	Chrome HTML Do...	3 KB	
	details_page	3/19/2019 3:30 PM	Chrome HTML Do...	3 KB	
<input checked="" type="checkbox"/>	quiz_page	3/19/2019 2:57 PM	Chrome HTML Do...	5 KB	

###### Under CSS,

oursework01 > WebGroupCoursework > Student03 > CSS					Search CSS
<input type="checkbox"/>	Name	Date modified	Type	Size	
	abtFootball_style	3/19/2019 4:05 PM	Cascading Style Sh...	3 KB	
	cv_style	3/10/2019 4:54 AM	Cascading Style Sh...	2 KB	
	d_style	3/17/2019 10:55 PM	Cascading Style Sh...	1 KB	
	q_style	3/19/2019 3:27 PM	Cascading Style Sh...	4 KB	

###### Under JS,

<input type="checkbox"/>	Name	Date modified	Type	Size	
	d_script	3/10/2019 3:43 AM	JavaScript File	1 KB	
	q_script	3/19/2019 3:06 PM	JavaScript File	8 KB	

###### Under Assets,

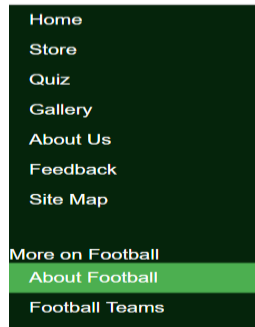
oursework01 > WebGroupCoursework > Student03 > Assets >					Search Assets
	developers				
	Rules				
	stadium				
	zoomInOut				

## Website Structure

Our website is always well accessible and no complication at all, It's all because of our navigation bar which is fixed at left of each and every page of us with relevant and identical.

Navigation bar is available in – Quiz page, About Us page, About Football page.

According to specification, I have done the in-page navigation in about football page since it have got some content to look for.



User can get to the content using the in-site navigation which has in-site anchors to get to a specific section of a page.

## b. Code to achieve good Information architecture

### HTML - Navigation

```
<ul id="navigation">
  <li><a href="../index.html" onclick="selectMenuItem(this)">Home</a></li>
  <li><a href="../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>
  <li><a href="quiz_page.html" onclick="selectMenuItem(this)">Quiz </a></li>
  <li><a href="../Student 4/8/8.html" onclick="selectMenuItem(this)">Gallery</a></li>
  <li><a href="details_page.html" onclick="selectMenuItem(this)">About Us</a></li>
  <li><a href="../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
  <li><a href="../Student 4/6/6.html" onclick="selectMenuItem(this)">Site
Map</a></li>
  <br> <br>
  More on Football
  <li><a class="active">About Football</a></li>
  <li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
  <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
  <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
</ul>
```

## CSS - Navigation

```
body {  
    margin: 0px;  
    font-size: 100%;  
    font-family: 'Roboto', sans-serif;  
}  
  
ul {  
    list-style-type: none;  
    margin: 0;  
    padding: 0;  
    width: 200px;  
    background-color: #05240B;  
    position: fixed;  
    height: 100%;  
    overflow: auto;  
    color: #fff;  
}  
  
li a {  
    display: block;  
    color: #fff !important;  
    padding: 8px 16px;  
    text-decoration: none;  
}  
  
li a.active {  
    background-color: #4CAF50;  
    color: white;  
}  
  
li a:hover:not(.active) {  
    background-color: #555;  
    color: white;  
}
```

## HTML - In-site Navigation

```
<div id="sideContainer">
  <center>This Page Has</center>
  <br> <br>
  <a href="#history">History of Football</a> <br>
  <ul>Rules and Regulations
    <li><a href="#rule1">Ball In and Out of Play</a></li>
    <li><a href="#rule2">Method of scoring</a></li>
    <li><a href="#rule3">Offside</a></li>
    <li><a href="#rule4">Fouls and Misconducts</a></li>
    <li><a href="#rule5">Free Kicks</a></li>
    <li><a href="#rule6">Penalty Kick</a></li>
    <li><a href="#rule7">Throw-In</a></li>
    <li><a href="#rule8">Goal Kick</a></li>
    <li><a href="#rule9">Corner Kick</a></li>
  </ul>
</div>
```

## CSS- In-site Navigation

```
#sideContainer{
  width: 200px;
  position: absolute;
  margin: 0px;
  padding: 0px;
  right: 0px;
  top: 0px;
  background-color: #05240B;
  height: 670px;
  overflow: auto;
  color: #fff;
}

#sideContainer ul{
  padding-left: 4px;
}

#sideContainer ul li a::before{
  counter-increment: rulesNav;
  content: counter(rulesNav) ". ";
}

#sideContainer a{
  display: block;
  color: #fff !important;
  padding: 8px 4px;
  text-decoration: none;
}
```

```
#sideContainer a:hover {  
    background-color: #555;  
    color: white;  
}  
  
#sideContainer li a {  
    padding: 8px 16px;  
}
```

## 3.2 Colour balance/composition/graphics/consistency

### a. Design

**Used colour combination** – Green, White, Grey

#### **Reasons**

Green – Symbolizes the colour of a football field

White and Grey – Contrasting colours of green

#### **Composition**

Navigation component is the left most part in all pages and all-important component lies in centre to get the first sight of user with footer covering the bottom part of all pages. This is followed consistently.

#### **Graphics**

Images from internet was our prime source of graphics because our scope is not entirely on photos editing. Though we have got images that matches our pick of our theme that is Green, Grey and White.

I have used border shadow effect of CSS mostly to show the graphics on container divisions. (Quiz container, CV container, About us Image Container)

Quiz page has time gauge which reminds the time left to user to that specific question. If seconds remaining is more than 5seconds, the colour to show is Dark Green and Dark Orange indicates when seconds remaining is between 3 to 5 and Red Gauge is when the seconds remaining is less than 3.

In Quiz page, I show a progression bar to user in circle shape with black border which shows user whether the answer is correct (Green) or wrong (Red) and remaining (White) question.

Details page was kind of blank after only inserting all of our images alone, So we discussed and finalised to have an image so it covers some part on background.

Hover effects on buttons/links is followed all through the clickable links.

#### **Visual Balance**

Use of Dark and light colours is made easy by one of our theme colour Grey, So it gives user a good balance on visual.

## Legibility

The universal font attributes such as family, size and colour provides legibility to the web pages.

## Footer

Footer with a dark background and white fonts with my CV is there in all pages created by me.

### b. Code to achieve good colour balance & ensure consistency

#### Navigation - Colour

```
ul {  
    background-color: #05240B; /*Dark Green*/  
    color: #fff; /*white*/  
}
```

#### Footer – Colour

```
#footer{  
    color: white;  
    background-color: #05240B;  
}
```

#### Side-Navigation – Colour

```
#sideContainer{  
    background-color: #05240B;  
    color: #fff;  
}
```

#### Quiz Container – shadow

```
#qContainer{  
    box-shadow: 0px 5px 15px black;  
    /* box shadow takes default color of content */  
    /*but safari requires color to display shadow */  
}
```

#### Colour Change- Time Gauge of Quiz page

```
if (count <= 3) {  
    document.getElementById("timeBar").style.backgroundColor = "#B22222"; /*Dark Red  
} else if(count <= 5){  
    document.getElementById("timeBar").style.backgroundColor = "#DAA520"; /*Dark Orange  
}else {  
    document.getElementById("timeBar").style.backgroundColor = "#008000"; /*Dark Green  
}
```



### 3.3 Typography / consistency

#### a. Design

Font Used – Roboto (and sans-serif if roboto doesn't support)

Default font sizes – Commonly default (Fonts are responsive to change)

Used default elements such as <h3> and <h2> tags of HTML to show differences between title and sub title.

#### b. Code to achieve good typography / consistency

```
body{  
    font-family: 'Roboto', sans-serif;  
}
```

### 3.4 Gestalt principles grouping

#### Principle 1 – Similarity

The font patterns used are similar in titles and descriptions of similar sections.

The border colours and background colours are similar in each sub section.

The border sizes are similar in each sub section

The font family and sizes are similar in each sub section.

Above strategies are used to maintain and present similarity of the website to the user.

#### Principle 2 – Proximity

The spaces of the web page is balanced to maintain proximity between each sub section.

There's a defined consistent gap between each section.

The sub sections are aligned in the grid schema vertically and horizontally in pre-defined consistent sizes, therefore maintaining proximity.

#### Principle 3 – Closure

Colour differentiation is used to maintain closure between each section. Contrasting colours are used so that each section is easily visible and does not visually overlap with other sections,

Visible borders are used to maintain closure in section where necessary.

The background images used are different in each section therefore helps to maintain closure..

#### Principle 4 – Continuance

The main page and the feedback form content flow downwards in direction. Therefore the downward directional architecture helps in continuing the content flow.

The navigation panel helps to navigate to different pages of the website and also uses the downward directional architecture.

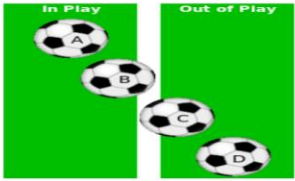
## Screen Shots

Browser window showing the "About Football" page. The page title is "All about Football". The URL is "D:/02.WebDev/Semester\_1/Coursework01/WebGroupCoursework/Student03/About\_football.html".

**Rules and Regulations**

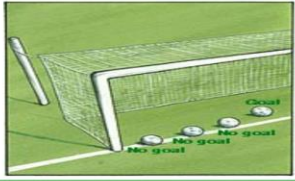
**1. Ball in and out of Play**

The soccer ball is out of bounds when it has crossed the goal line or touchline whether on the ground or in air. If it rebounds off the referee, an assistant referee, a goal post, crossbar, or corner flag post and remains inside the field, then it is still in play.




**2. Method of scoring**

A goal is scored in football if the ball crosses the goal line between the two goalposts and under the crossbar, as long as no violation of the rules has taken place. The side that scores the most goals wins. If both teams have the same number of goals at the end of the match, it is considered a draw even if neither of them scored a goal.



**3. Offside**

A player is in offside position if there are fewer than two defenders (including the goalie) between him and the goal line. A violation of the offside rule in football occurs if he is in that position and the ball is played to him.



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Navigation menu on the left: Home, Store, Quiz, Gallery, About Us, Feedback, Site Map. Right sidebar: This Page Has, History of Football, Rules and Regulations (1. Ball In and Out of Play, 2. Method of scoring, 3. Offside, 4. Fouls and Misconducts, 5. Free Kicks, 6. Penalty Kick, 7. Throw-In, 8. Goal Kick, 9. Corner Kick).

Browser window showing the "Quiz" page. The page title is "Quiz". The URL is "D:/02.WebDev/Semester\_1/Coursework01/WebGroupCoursework/Student03/quiz\_page.html".

Home > Quiz

**Start Quiz!**

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Navigation menu on the left: Home, Store, Quiz, Gallery, About Us, Feedback, Site Map. Right sidebar: This Page Has, History of Football, Rules and Regulations (1. Ball In and Out of Play, 2. Method of scoring, 3. Offside, 4. Fouls and Misconducts, 5. Free Kicks, 6. Penalty Kick, 7. Throw-In, 8. Goal Kick, 9. Corner Kick).

### 3.5 Accessibility (graphics/forms)

#### a. Graphical elements - Design/Code

Font Size increment and decrement is used so people with some vision disability could access the website.

Alternate Font family is used.

Colours of theme is picked checking the vision problems.

Alternate image messages in case of image load failures is done.

#### b. Form completion - Design/Code

Form Completion was not assigned for Student-03 in specification. And did not required on specified tasks

## 4 Janet

### Policy 1 – Acceptable Use Policy

- All extracted images are given sources in the references section.
- No offensive or unrated material is used or presented in the web site.
- 3<sup>rd</sup> party advertisements are not used in any form

### Policy 2 – Local Acceptable Use Policy

- The website is malware and virus free
- The web pages load on standard internet broadband speeds.
- The user data are not given away from the website or sol to third parties therefore is secure and confidential.
- The entire website is backed up in a github repository in case of failure

### Policy 3 - Legal Requirements

- adheres to the law relating to third party access of data since third parties are not allowed to view data
- Malicious communications does not happen in the web site and pages (adheres to the malicious communications act 1988)

## 5 Conclusions

The Overall experience gained is always helpful throughout my carrier since it is a work mostly related with UI and UX which is so much important as a developer to develop inside to attract user in all ways.

Working with a wonderful team always gives us pleasure to be a part and everyone was helpful and shared knowledge from the start till end.

## References

✚ Lecture slides and individual notes

✚ Following websites

<https://w3schools.com>

<https://youtube.com>

Quiz credits - <https://www.jagranjosh.com/articles/football-general-knowledge-bquiz-1314792745-1>

About Football credits - [https://www.slideshare.net/aradhya\\_09/project-on-football-for-physical-education](https://www.slideshare.net/aradhya_09/project-on-football-for-physical-education)

## Appendices

### Appendix A: Code

#### Quiz Page – HTML

```
<!DOCTYPE html>
<html>
<head>
  <title>Quiz</title>
  <meta charset="UTF-8">

  <link rel="stylesheet" type="text/css" href="../navigation.css"/>
  <link rel="stylesheet" type="text/css"
href="../SharedComponents/CommonCSS/breadCrumbs.css"/>
  <link rel="stylesheet" type="text/css" href="CSS/q_style.css"/>
  <script type="text/javascript" src="JS/q_script.js"> </script>
</head>

<body>
  <div id="navigation">
    <ul id="navigation">
      <li><a href="../index.html"
onclick="selectMenuItem(this)">Home</a></li>
      <li><a href="../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>
      <li><a class="active">Quiz</a></li>
      <li><a href="../Student 4/8/8.html"
onclick="selectMenuItem(this)">Gallery</a></li>
      <li><a href="../Student03/details_page.html"
onclick="selectMenuItem(this)">About Us</a></li>
      <li><a href="../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
      <li><a href="../Student 4/6/6.html"
onclick="selectMenuItem(this)">Site Map</a></li>
```

```

        <br> <br>
        More on Football
        <li><a href="../Student03/About_football.html"
onclick="selectMenuItem(this)">About Football</a></li>
        <li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
        <li><a href="" onclick="selectMenuItem(this)">more
navigation</a></li>
        <li><a href="" onclick="selectMenuItem(this)">more
navigation</a></li>
        <li class="bottom-li">
            <button onclick="changeFontSize(0.05)"></button>
            <button onclick="changeFontSize(-0.05)"></button>
        </li>
    </ul>
</div>

<div id="breadcrumb">
    <p class="breadcrumb">
        <span>
            <a href="../index.html">
                Home
            </a>
        </span>
        <span>Quiz</span>
    </p>
</div>

<div id="pageContainer">
    <div id="qContainer">
        <div id="startBtn" onclick="startQuiz()">Start Quiz!</div>
        <div id="instruction" style="display: none">
            <h1>You have 10 questions ahead.</h1>
        </div>
        <span>Take 10 seconds for each question.</span> <br>
        <span>+2 mark for each correct answer.</span> <br>
        <span>-1 mark for each wrong answer.</span> <br>
        <span>We will report your performance once the quiz is
ended.</span> <br> <br>
    </div>
    Quiz starts in <span id="seconds">10 seconds!</span>
</div>
<div id="quiz" style="display: none">
    <div id="qDisplay"></div>
    <div id="choices">

```

```
        <div class="choice" id="A" onclick="checkAnswer('A')"></div> <br>
        <div class="choice" id="B" onclick="checkAnswer('B')"></div> <br>
        <div class="choice" id="C" onclick="checkAnswer('C')"></div> <br>
    </div>
```

```
    <div id="timer">
        <div id="counter"></div>
        <div id="bgTimeBar"></div>
        <div id="timeBar"></div>
    </div>
```

```
    <div id="progressBar"></div>
```

```
</div>
```

```
<div id="scoreContainer" style="display: none">
    <p> Hey! You have scored <br><span id="percentage"> </span>%</p>
    <div>
        Questions Answered - <span id="answered"></span> <br>
        Goals - <span id="correct"></span> <br>
        Missed - <span id="incorrect"></span> <br>
        Time Taken - <span id="timeTaken"></span>seconds
    </div>
</div>
</div>
```

```
</div>
```

```
    <div id='footer'>
        &copy;2019 Course Work - All Rights Reserved By <a href="CV_Nishean.html"
target="_blank"> Nishean -
        w17154156
        </a>
    </div>
</div>
</body>

</html>
```

## Quiz Page – CSS

```
body {
    margin: 0px !important;
    font-family: 'Roboto', sans-serif;
}

#qContainer{
    background-color: white;
    height: 300px;
    width : 700px;
    border-radius: 5px;
    box-shadow: 0px 5px 15px black; /* box shadow takes default color of content but
safari requires color to display shadow */
    position: relative;
    left: 400px;
    top: 100px;
}

#startBtn{
    font-size: 30px;
    font-weight: bold;
    width:200px;
    height:40px;
    border : 2px solid lightgrey;
    text-align: center;
    cursor: pointer;
    position: absolute;
    left:250px;
    top:50px;
    color : lightgrey;
}

#startBtn:hover{
    border: 3px solid lightseagreen;
    color : lightseagreen;
}

#instruction{
    padding: 20px;
}

#instruction ul{
    list-style-type: square;
}

#qDisplay{
```

```
    width:700px;
    height : 125px;
    position: absolute;
    top:0;
}
#qDisplay p{
    margin : 0;
    padding : 15px;
    font-size: 1.25em;
}

#choices{
    width : 550px;
    top : 100px;
    position: absolute;
    padding : 10px
}
.choice{
    display: inline-block;
    width : 150px;
    text-align: center;
    border : 1px solid grey;
    border-radius: 5px;
    cursor: pointer;
    padding : 5px;
}
.choice:hover{
    border : 2px solid grey;
    font-weight: bold;
}
#A{
    position: absolute;
    left:80px;
    top : 10px;
}
#B{
    position: absolute;
    left:250px;
    top : 10px;
}
#C{
    position: absolute;
    left:420px;
    top : 10px;
}
```



```
#timer{
    position: absolute;
    height : 100px;
    width : 200px;
    bottom : 0px;
    text-align: center;
}
#counter{
    font-size: 3em;
}
#bgTimeBar{
    width : 150px;
    height : 10px;
    border-radius: 10px;
    background-color: lightgray;
    margin-left : 25px;
}
#timeBar{
    height : 10px;
    border-radius: 10px;
    background-color: mediumseagreen;
    margin-top : -10px;
    margin-left : 25px;
}
#progressBar{
    width : 500px;
    position: absolute;
    bottom : 0px;
    right : 0px;
    padding:5px;
    text-align: right;
}
.prog{
    width : 25px;
    height : 25px;
    border: 1px solid #000;
    display: inline-block;
    border-radius: 50%;
    margin-left : 5px;
    margin-right : 5px;
}
#scoreContainer{
    background-color: white;
    opacity: 0.8;
    height: 300px;
    width : 700px;
```

```
border-radius: 5px;
box-shadow: 0px 5px 15px 0px;
position: relative;
display: none;
}
```

```
#scoreContainer p{
    color: white;
    position: absolute;
    display: block;
    width : 100%;
    height :100%;
    padding: 25px;
    font-size: 1.5em;
    font-weight: bold;
    text-align: center;
}
```

```
#scoreContainer div{
    color: white;
    position: absolute;
    display: block;
    top: 150px;
    left: 240px;
    font-size: 1.5em;
    font-weight: bold;
    text-align: center;
}
```

```
#footer{
    color: white;
    background-color: #05240B;
    bottom: 0;
    width: 1336px;
    height: 25px;
    margin: 0;
    left: 200px;
    text-align: center;
    position: absolute;
}
```

```
#footer a{
    color: white;
    text-decoration: none;
}
```

## Quiz Page – JS

```
var quiz = [
  {
    question : "Which of the following country won Football world Cup maximum
times?",
    choiceA : "Germany",
    choiceB : "Italy",
    choiceC : "Brazil",
    correct : "C"
  },{
    question : "Who among the following player scores highest number of goals in
Football World Cup?",
    choiceA : "Klose",
    choiceB : "Pele",
    choiceC : "Meradona",
    correct : "A"
  },{
    question : "Which of the following term is recognised as an early form of
football by FIFA?",
    choiceA : "Inuit",
    choiceB : "Episkyros",
    choiceC : "kemari",
    correct : "B"
  },
  {
    question : "Which of the following country hosted the first Football World
Cup?",
    choiceA : "Uruguay",
    choiceB : "Argentina",
    choiceC : "Brazil",
    correct : "A"
  },
  {
    question : "Who among the following scored the first goal in World Cup
history?",
    choiceA : "Johino",
    choiceB : "Pele",
    choiceC : "Lucien",
    correct : "C"
  },
  {
    question : "Which of following team do not play in stripes?",
    choiceA : "Newcastle",
    choiceB : "Southampton",
    choiceC : "Tottenham Hotspur",
    correct : "C"
  },
],
```

```

{
    question : "When was the first FIFA World Cup inaugurated?",
    choiceA : "1932",
    choiceB : "1930",
    choiceC : "1931",
    correct : "B"
},
{
    question : "Which country became the first nation to win the Football World
Cup?",
    choiceA : "Uruguay",
    choiceB : "Germany",
    choiceC : "Argentina",
    correct : "A"
},
{
    question : "Who among the following achieved the first World Cup hat-trick?",
    choiceA : "Bert",
    choiceB : "Lucien",
    choiceC : "Pele",
    correct : "A"
},
{
    question : "When was first official international football match was
played?",
    choiceA : "1929",
    choiceB : "1872",
    choiceC : "1902",
    correct : "B"
}
];

```

```

const lastQuestion = quiz.length - 1;
const questionTime = 10; // 10s
const gaugeWidth = 150; // timer gauge - 150px
const gaugeUnit = gaugeWidth / questionTime;

```

```

var runningQuestion = 0;
var count = 10;
var correct = 0;
var inCorrect = 0;
var totalTime = 0;

```

```

var runner;
var instruction;

```

```

console.log('Welcome To Football Quiz Page');

// start quiz
function startQuiz(){
    console.log('Starting Quiz');
    document.getElementById("startBtn").style.display = "none";
    document.getElementById("instruction").style.display = "block";

    instructor(10);

    setTimeout(function(){
        console.log('Quiz Started')
        getQuestion();
        getProgressBar();
        startTimer();
        runner = setInterval(startTimer,1000);
        clearInterval(instruction);
    },10000);
}

function instructor(duration) {
    var timer = duration - 1;
    instruction = setInterval(function () {
        var seconds = parseInt(timer);
        document.getElementById('seconds').textContent = seconds + " seconds!";
        if(seconds > 0) {
            timer--;
            if (timer < 0) {
                timer = duration;
            }
            if (seconds == 1){
                document.getElementById('seconds').textContent = seconds + "
second!";
            }
        }else {
            document.getElementById("quiz").style.display = "block";
            document.getElementById("instruction").style.display = "none";
            console.log('Instruction Given')
        }
    }, 1000);
}

// Start Timer
function startTimer(){
    if(count <= questionTime && count>=0){
        document.getElementById("counter").innerHTML = count;
    }
}

```

```

document.getElementById("counter").style.color = "black";
document.getElementById("timeBar").style.width = count * gaugeUnit + "px";
if (count <= 3) {
    document.getElementById("timeBar").style.backgroundColor = "#B22222";
} else if(count <= 5){
    document.getElementById("timeBar").style.backgroundColor = "#DAA520";
} else {
    document.getElementById("timeBar").style.backgroundColor = "#008000";
}
count--;
totalTime++;
} else {
    count = 10;
    // change progressBar color to red
    answerIsWrong();
    if(runningQuestion < lastQuestion){
        runningQuestion++;
        getQuestion();
    } else {
        // end the quiz and show the score
        clearInterval(runner);
        getScore();
    }
}
//console.log('check 2 ' + (count - 1));
}
// get a question
function getQuestion(){
    var q = quiz[runningQuestion];

    document.getElementById("qDisplay").innerHTML = "<p>" + q.question + "</p>";
    document.getElementById("A").innerHTML = q.choiceA;
    document.getElementById("B").innerHTML = q.choiceB;
    document.getElementById("C").innerHTML = q.choiceC;
}
// get progressBar
function getProgressBar(){
    for(var qIndex = 0; qIndex <= lastQuestion; qIndex++){
        document.getElementById("progressBar").innerHTML += "<div class='prog' id="+
qIndex + "></div>";
    }
}
// checkAnswer
function checkAnswer(answer){
    if( answer == quiz[runningQuestion].correct){
        // answer is correct

```

```

        correct++;
        // change progressBar color to green
        answerIsCorrect();
    }else{
        // answer is wrong
        inCorrect++;
        // change progressBar color to red
        answerIsWrong();
    }
    count = 10;
    if(runningQuestion < lastQuestion){
        runningQuestion++;
        getQuestion();
    }else{
        // end the quiz and show the score
        clearInterval(runner);
        getScore();
    }
}

// if answer is correct
function answerIsCorrect(){
    document.getElementById(runningQuestion).style.backgroundColor = "#0f0";
}

// if answer is Wrong
function answerIsWrong(){
    document.getElementById(runningQuestion).style.backgroundColor = "#f00";
}

// get score
function getScore(){
    var timeTaken = totalTime - quiz.length; // since questions are displayed 1sec
    later, we are reducing that time get accurate time taken
    console.log('quiz ended');
    console.log('number of correct answer: ' + correct);
    console.log('number of in-correct answer: ' + inCorrect);
    console.log('total time taken: ' + timeTaken);
    console.log(quiz.length);

    var score = 100*(((correct*2) - inCorrect)/(quiz.length*2));
    var scorePerCent = Math.round(score) ;
    // var answered = (quiz.length) - (correct+inCorrect);
    displayScore(scorePerCent,correct,inCorrect,timeTaken);
}

```

```

function displayScore(scorePerCent,correct,inCorrect,timeTaken){
    var answered = correct+inCorrect;
    document.getElementById("scoreContainer").style.display = "block";
    document.getElementById("scoreContainer").style.backgroundColor = (scorePerCent
>= 50) ? "green" : "red";
    document.getElementById("percentage").innerHTML = scorePerCent;
    document.getElementById("answered").innerHTML = answered;
    document.getElementById("correct").innerHTML = correct;
    document.getElementById("incorrect").innerHTML = inCorrect;
    document.getElementById("timeTaken").innerHTML = timeTaken;
}

function changeFontSize(pixels) {
    var textSize = document.body.style.fontSize;
    if (textSize == "") {
        document.body.style.fontSize = "1.0em";
    }

    document.body.style.fontSize = parseFloat(document.body.style.fontSize) + pixels
+ "em";
}

```

#### About Us – HTML

```

<!DOCTYPE html>
<html>
<head>
    <title>Player Details</title>
    <meta charset="UTF-8">

    <link rel="stylesheet" type="text/css" href="../navigation.css"/>
    <link rel="stylesheet" type="text/css"
href="../SharedComponents/CommonCSS/breadCrumbs.css">
    <link rel="stylesheet" type="text/css" href="CSS/d_style.css">
    <script type="text/javascript" src="JS/d_script.js"></script>
</head>

<body>
    <div id="navigation">
        <ul id="navigation">
            <li><a href="../index.html"
onclick="selectMenuItem(this)">Home</a></li>
            <li><a href="../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>

```



```

        <li><a href="quiz_page.html"
onclick="selectMenuItem(this)">Quiz</a></li>
        <li><a href="../Student 4/8/8.html"
onclick="selectMenuItem(this)">Gallery</a></li>
        <li><a class="active">About Us</a></li>
        <li><a href="../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
        <li><a href="../Student 4/6/6.html"
onclick="selectMenuItem(this)">Site Map</a></li>
        <br> <br>
        More on Football
        <li><a href="../Student03/About_football.html"
onclick="selectMenuItem(this)">About Football</a></li>
        <li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
        <li><a href="" onclick="selectMenuItem(this)">more
navigation</a></li>
        <li><a href="" onclick="selectMenuItem(this)">more
navigation</a></li>
    </ul>
</div>

```

```

<div id="breadcrumb">
    <p class="breadcrumb">
        <span>
            <a href="../index.html">
                Home
            </a>
        </span>
        <span>Developer's Details</span>
    </p>
</div>

```

```

<div class='player' id='chiran' onmouseover="showDescription(this.id)"
onmouseout="noDescription()">
    
    <div class="description" style="display: none">
        Chiran.R <br>
        Student - 01
    </div>
</div>

```

```

<div class='player' id='sahan' onmouseover="showDescription(this.id)"
onmouseout="noDescription()">
    
    <div class="description" style="display: none">
        Sahan.P<br>

```

Student - 02

</div>

</div>

<div class='player' id='nishean' onmouseover="showDescription(this.id)"  
onmouseout="noDescription()">



<div class="description" style="display: none">

Nisheanthan.K<br>

Student - 03

</div>

</div>

<div class='player' id='anushka' onmouseover="showDescription(this.id)"  
onmouseout="noDescription()">



<div class="description" style="display: none">

Anushka.M<br>

Student - 04

</div>

</div>

<div id='footer'>

&copy;2019 Course Work - All Rights Reserved By <a href="CV\_Nishean.html"  
target="\_blank"> Nishean - w17154156 </a>

</div>

</body>

</html>

### About Us – CSS

body{

background-image: url("../Assets/stadium/background3.jpg");

margin: 0;

font-family: 'Roboto', sans-serif;

}

div{

position: absolute;

}

.player{

border: 2px solid white;

background-color: white;

box-shadow: 0px 5px 15px 0px;

}

```
.description{
    text-align:center;
    position: relative;
}

img{
    width:150px;
    height:200px;
    position: relative;
}

#chiran{
    left:600px;
    top:50px
}

#sahan{
    left:900px;
    top:175px
}

#nishean{
    left:600px;
    top:350px
}

#anushka{
    left:900px;
    top:470px
}

#footer{
    color: white;
    background-color: #05240B;
    bottom: 0;
    width: 100%;
    height: 25px;
    margin: 0;
    text-align: center;
    font-size: 20px;
}

#footer a{
    color: white;
    text-decoration: none;
}
```

### About Us – JS

```
var player = document.getElementsByClassName("description");
```

```
var i;
```

```
function showDescription(nameID){
    console.log('mouse over', nameID);

    switch(nameID){
        case 'chiran': num = 0;
            break;
        case 'sahan': num = 1;
            break;
        case 'nishean': num = 2;
            break;
        case 'anushka': num = 3;
            break;
    }

    for (i = 0; i < player.length; i++) {
        player[num].style.display = "block";
    }
}
```

```
function noDescription(){
    for (i = 0; i < player.length; i++) {
        player[i].style.display = "none";
    }
}
```

### About Football – HTML

```
<!DOCTYPE html>
<html>
<head>
    <title>All about Football</title>
    <link rel="stylesheet" type="text/css"
href="../SharedComponents/CommonCSS/breadCrumbs.css">
    <link rel="stylesheet" type="text/css" href="../navigation.css"/>
    <link rel="stylesheet" type="text/css" href="CSS/abtFootball_style.css">
</head>
<body>
    <ul id="navigation">
        <li><a href="../index.html" onclick="selectMenuItem(this)">Home</a></li>
        <li><a href="../Student 1/marcketPlace.html"
onclick="selectMenuItem(this)">Store</a></li>
        <li><a href="quiz_page.html" onclick="selectMenuItem(this)">Quiz </a></li>
```

```

    <li><a href="../Student 4/8/8.html"
onclick="selectMenuItem(this)">Gallery</a></li>
    <li><a href="details_page.html" onclick="selectMenuItem(this)">About Us</a></li>
    <li><a href="../Student 2/comment.html"
onclick="selectMenuItem(this)">Feedback</a></li>
    <li><a href="../Student 4/6/6.html" onclick="selectMenuItem(this)">Site
Map</a></li>
    <br> <br>
    More on Football
    <li><a class="active">About Football</a></li>
    <li><a href="" onclick="selectMenuItem(this)">Football Teams</a></li>
    <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
    <li><a href="" onclick="selectMenuItem(this)">more navigation</a></li>
</ul>

```

```

<div id="pageContainer">
    <div id="aboutFootball">
        <div id="history">
            <h2> History of Football</h2>
            <div>
                <p class="p1">

```

The contemporary history of the world's favourite game spans more than 100 years. It all began in 1863 in England, when rugby football and association football branched off on their different courses and the Football Association in England was formed - becoming the sport's first governing body.

```

                <p class="p2">

```

Both codes stemmed from a common root and both have a long and intricately branched ancestral tree. A search down the centuries reveals at least half a dozen different games, varying to different degrees, and to which the historical development of football has been traced back. Whether this can be justified in some instances is disputable. Nevertheless, the fact remains that people have enjoyed kicking a ball about for thousands of years and there is absolutely no reason to consider it an aberration of the more 'natural' form of playing a ball with the hands.

```

                </p>

```

```

                <p class="p3">

```

On the contrary, apart from the need to employ the legs and feet in tough tussles for the ball, often without any laws for protection, it was recognised right at the outset that the art of controlling the ball with the feet was not easy and, as such, required no small measure of skill. The very earliest form of the game for which there is scientific evidence was an exercise from a military manual dating back to the second and third centuries BC in China.

```

                </p>

```

<p class="p4">

This Han Dynasty forebear of football was called Tsu' Chu and it consisted of kicking a leather ball filled with feathers and hair through an opening, measuring only 30-40cm in width, into a small net fixed onto long bamboo canes. According to one variation of this exercise, the player was not permitted to aim at his target unimpeded, but had to use his feet, chest, back and shoulders while trying to withstand the attacks of his opponents. Use of the hands was not permitted.

</p>

<p class="p5">

Another form of the game, also originating from the Far East, was the Japanese Kemari, which began some 500-600 years later and is still played today. This is a sport lacking the competitive element of Tsu' Chu with no struggle for possession involved. Standing in a circle, the players had to pass the ball to each other, in a relatively small space, trying not to let it touch the ground.

</p>

<p class="p6">

The Greek 'Episkyros' - of which few concrete details survive - was much livelier, as was the Roman 'Harpastum'. The latter was played out with a smaller ball by two teams on a rectangular field marked by boundary lines and a centre line. The objective was to get the ball over the opposition's boundary lines and as players passed it between themselves, trickery was the order of the day. The game remained popular for 700-800 years, but, although the Romans took it to Britain with them, the use of feet was so small as to scarcely be of consequence.

</p>

</div>

</div>

<div id="rulesRegulations">

<h2>Rules and Regulations</h2>

<div id="rule1" class="rules">

<h3>Ball in and out of Play</h3>

<div class="text">

The soccer ball is out of bounds when it has crossed the goal line or touchline whether on the ground or in air. If it rebounds off the referee, an assistant referee, a goal post, crossbar, or corner flag post and remains inside the field, then it is still in play.

</div>

<div id="img">



</div>

</div>

<div id="rule2" class="rules">

<h3>Method of scoring</h3>

<div class="text">

A goal is scored in football if the ball crosses the goal line between the two goalposts and under the crossbar, as long as no violation of the rules has taken place. The side that scores the most goals wins. If both teams have the same number of goals at the end of the match, it is considered a draw even if neither of them scored a goal.

</div>

<div id="img">



</div>

</div>

<div id="rule3" class="rules">

<h3>Offside</h3>

<div class="text">

A player is in offside position if there are fewer than two defenders (including the goalie) between him and the goal line. A violation of the offside rule in football occurs if he is in that position and the ball is played to him. A free kick is awarded to the opposition if a player is caught offside.

</div>

<div id="img">



</div>

</div>

<div id="rule4" class="rules">

<h3>Fouls and Misconducts</h3>

<div class="text">

The following are the most common fouls in football: kicking, tripping, pushing, or charging another player recklessly; striking or attempting to strike an opponent or any member of the opposing side. A foul is called if a player: makes a tackle but hits the player before the ball; deliberately handles the ball (except the goalkeeper in his proper area); or if he uses excessive force in defending an opponent.

</div>

<div id="img">



</div>

</div>

<div id="rule5" class="rules">

<h3>Free Kicks</h3>

<div class="text">

A restarts a play after a foul or rule infringement is committed and is usually taken from the spot where the violation was committed. A free-kick can either

be “direct”, in which a kicker may score directly, or “indirect”, in which another player must touch the ball before a goal can be scored.

```
</div>
<div id="img">
  
</div>
</div>
```

```
<div id="rule6" class="rules">
  <h3>Penalty Kick</h3>
  <div class="text">
    A penalty kick in football is awarded if a defender commits a foul inside
its own penalty area. The kick is taken from the penalty spot and all the players
(except the kicker and the goalkeeper) must be outside the penalty area and penalty
arc.
```

```
  </div>
  <div id="img">
    
  </div>
</div>
```

```
<div id="rule7" class="rules">
  <h3> Throw-In</h3>
  <div class="text">
    A throw-in in football is awarded to a team if the ball goes over the
touchline. It is awarded to the team opposing the side that touched the ball last.
The throw is taken from the spot where the ball goes out of bounds. The taker must
throw the ball with both hands, both feet on the ground, and facing the field of
play.
```

```
  </div>
  <div id="img">
    
  </div>
</div>
```

```
<div id="rule8" class="rules">
  <h3>Goal Kick</h3>
  <div class="text">
    A goal-kick in football is awarded to the defending team if the opposing
team causes the ball to go over the goal-line. Any player from the defending side is
allowed to take the goal kick. It must be taken anywhere on the goal area and must go
beyond the penalty area or it will be retaken. The ball must be touched by another
player before the taker can play it again.
```

```
  </div>
  <div id="img">
  </div>
```



</div>

<div id="rule9" class="rules">

<h3> Corner Kick</h3>

<div class="text">

A corner kick in football is awarded to the attacking team if an opposing player is the last to touch the ball before it goes out of bounds on the goal-line. The attacking team resumes play by placing the ball in the corner arc nearest to where it crossed the goal line.

</div>

<div id="img">



</div>

</div>

</div>

</div>

<div id="sideContainer">

<center>This Page Has</center>

<br> <br>

<a href="#history">History of Football</a> <br>

<ul>Rules and Regulations

<li><a href="#rule1">Ball In and Out of Play</a></li>

<li><a href="#rule2">Method of scoring</a></li>

<li><a href="#rule3">Offside</a></li>

<li><a href="#rule4">Fouls and Misconducts</a></li>

<li><a href="#rule5">Free Kicks</a></li>

<li><a href="#rule6">Penalty Kick</a></li>

<li><a href="#rule7">Throw-In</a></li>

<li><a href="#rule8">Goal Kick</a></li>

<li><a href="#rule9">Corner Kick</a></li>

</ul>

</div>

</div>

<div id='footer'>

&copy;2019 Course Work - All Rights Reserved By <a href="CV\_Nishean.html" target="\_blank"> Nishean - w17154156 </a>

</div>

</body>

</html>

## About Football – CSS

```
body{
    margin: 0;
    font-family: 'Roboto', sans-serif;
    counter-reset: rules rulesNav;
}
```

```
#sideContainer{
    width: 200px;
    position: absolute;
    margin: 0px;
    padding: 0px;
    right: 0px;
    top: 0px;
    background-color: #05240B;
    height: 670px;
    overflow: auto;
    color: #fff;
}
```

```
#sideContainer ul{
    padding-left: 4px;
}
```

```
#sideContainer ul li a::before{
    counter-increment: rulesNav;
    content: counter(rulesNav) ". ";
}
```

```
#sideContainer a{
    display: block;
    color: #fff !important;
    padding: 8px 4px;
    text-decoration: none;
}
```

```
#sideContainer a:hover {
    background-color: #555;
    color: white;
}
```

```
#sideContainer li a {
    padding: 8px 16px;
}
```

```
.rules h3::before{
```

```
    counter-increment: rules;  
    content: counter(rules) ". ";  
}
```

```
#pageContainer{  
    width: 74%;  
    height: 715px;  
    overflow-y: scroll;  
    position: absolute;  
    left: 202px;  
    top: 0px;  
    padding-bottom: 0px;  
    margin-bottom: 0px;  
}
```

```
#history div, .rules{  
    border: 3px solid #4CAF50;  
    padding: 5px;  
}
```

```
.rules h3{  
    position: -webkit-sticky;  
    position: sticky;  
    top: 35px;  
    background-color: white;  
    width:70%;  
}
```

```
h2 {  
    position: -webkit-sticky;  
    position: sticky;  
    top: 0;  
    padding: 5px;  
    background-color: white;  
    width:68%;  
    margin-left: 4px;  
}
```

```
#history h2{  
    width:98%;  
}
```

```
.rules::after {  
    content: "";  
    clear: both;
```

```
    display: table;
}

.text{
    float: left;
    width:69%;
}

#img img{
    float: right;
    width:30%;
    height: 200px;
}

#footer{
    color: white;
    background-color: #05240B;
    height: 30px;
    text-align: center;
    clear: both;
    bottom: 0px;
    margin: 0px;
    padding: 2px;
    position: absolute;
    width: 99%;
}

#footer a{
    color: white;
    text-decoration: none;
}

/* webkit support for sticky headings */
::-webkit-scrollbar {
    width: 10px;
}

::-webkit-scrollbar-track {
    background: #f1f1f1;
}

::-webkit-scrollbar-thumb {
    background: #888;
}

::-webkit-scrollbar-thumb:hover {
```

```
background: #555;
}
```

#### CV- HTML

```
<!doctype html>
<html>
<head>
  <title>
    Nisheanthan - w17154156 (2018844)
  </title>
  <link type="text/css" href="CSS/cv_style.css" rel="stylesheet"></link>
</head>

<body>
  <div id="cvContent">
    <aside>
      
      <div id="sideContainer">
        <div class="nameId">
          <h1> Nisheanthan </h1>
          <h4> Karthikeyan </h4>
        </div>
        <div class="contactDetail">
          <h3><span>Contact Details</span></h3>
          <p>
            <span>Phone: </span> 0771262892 <br>
            <span>Mail: </span> nisheanthan@gmail.com <br>
            <span>Address: </span> 174 3/7, MJM Laffir Mawatha, Colombo-12.
          </p>
        </div>

        <div class="personalDetail">
          <h3><span> Personal Details </span></h3>
          <p>
            <span>Full Name: </span> Karthikeyan Nisheanthan <br>
            <span>DOB: </span> 20/06/1997 <br>
            <span>Gender: </span> Male <br>
            <span>Nationality: </span> Srilankan <br>
            <span>NIC: </span>971723491v <br>
            <span>Religion: </span> Hinduism <br>
          </p>
        </div>

        <div class="personalInterest">
          <h3><span> Personal Interests </span></h3>
```

```

        <div id="interest1"> Cricket </div>
        <div id="interest2"> Chess </div>
        <div id="interest3"> Carrom </div>
        <div id="interest4"> Coding </div>
    </div>

</div>
</aside>

<section>
    <div class="educationDetail">
        <h3> <span> Education Details </span></h3>

        <div class="underGraduate">
            <h4>Undergraduate Program </h4>
            BEng. Software Engineering at Informatics Institute of
Technology - 2018
        </div>

        <div class="aLevel">
            <h4>G.C.E. Advanced Level </h4>
            School - Highlands College, Hatton. <br>
            Year - 2016 <br> <br>
            Combined Mathematics - C <br>
            Physics - C <br>
            Chemistry - S <br>
            General English - A <br>
            GIT - A <br>
            General Knowledge - 77 <br>
        </div>

        <div class="oLevel">
            <h4>G.C.E. Ordinary Level </h4>
            School - Highlands College, Hatton. <br>
            Year - 2013 <br> <br>
            Mathematics -A <br>
            English -A <br>
            Commerce -A <br>
            Information Technology -A <br>
            History -A <br>
            Religion -A <br>
            Science -B <br>
            Tamil Language -C <br>
            English Literature -C <br>
        </div>
    </div>
</div>

```

```

<div class="professionalDetail">
  <h3><span> Professional Details </span></h3>
  Customer Care Executive (July/2017 – August/2018) <br>
  Company : Aegis Service Lanka (pvt) Ltd. <br>
  Job Role : Handling Customer Queries for Dialog Television
</div>

<div class="personalSkill">
  <h3><span> Personal Skills </span></h3>
  <ul>
    <li>Team Player </li>
    <li>Self-Organization</li>
    <li>Flexibility</li>
    <li>Time-Management</li>
    <li>Self Confidence</li>
    <li>Creative approaches on problem solving </li>
  </ul>
</div>
</section>

```

```

</div>
</body>

```

```

</html>

```

## CV – CSS

```

body{
  font-family: 'Roboto', sans-serif;
}

```

```

#cvContent{
  position: absolute;
  padding: 15px;
  width:60%;
  left:270px;
  top:15px;
  border: 2px solid black;
  box-shadow: 0px 5px 15px black;
}

```

```

h4{
  line-height: 0.8;
}

```

```

h3 {
  width: 100%;
  text-align: center;
  border-bottom: 1px solid #000;
}

```

```
    line-height: 0.1em;
    margin: 10px 5px 20px 1px;
}

h3 span {
    background:#fff;
    padding:0 10px;
}

aside{
    float: right;
    border-left:2px solid black;
    width:40%;
}

aside img{
    position: relative;
    left: 100px;
    top:15px;
    border-radius: 50%;
    width: 180px;
    height: 200px;
    border-style: double;
}

.nameId{
    position: relative;
    left: 10px;
    line-height: 50%;
    text-align: center;
}

.contactDetail{
    text-align: justify;
    width: 100%;
}

.contactDetail p{
    font-size: 16px;
    position: relative;
    left: 25px;
}

.contactDetail p span, .personalDetail p span{
    font-weight: bold;
}
```



```

.personalDetail p, .personalInterest p{
    position: relative;
    left: 25px;
}

#interest1, #interest2, #interest3, #interest4{
    width:100px;
    text-align: center;
    border: 2px solid black;
    border-radius: 50%;
    background-color: black;
    color: white;
    position: relative;
}
#interest1{
    left: 20px;
}
#interest2{
    left: 140px;
}
#interest3{
    left: 30px;
}
#interest4{
    left: 210px;
}
section{
    float: left;
    width:55%;
    padding-left: 10px;
}

.aLevel{
    width: 49%;
    height: 310px;
    float:left;
}

.oLevel{
    width: 50%;
    height: 310px;
    float: right;
}

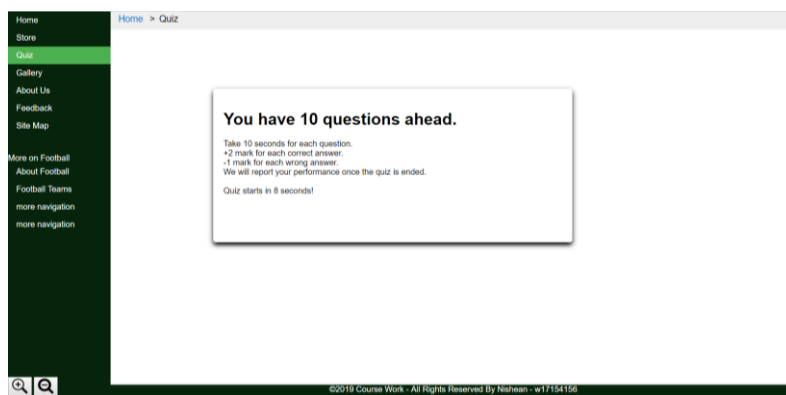
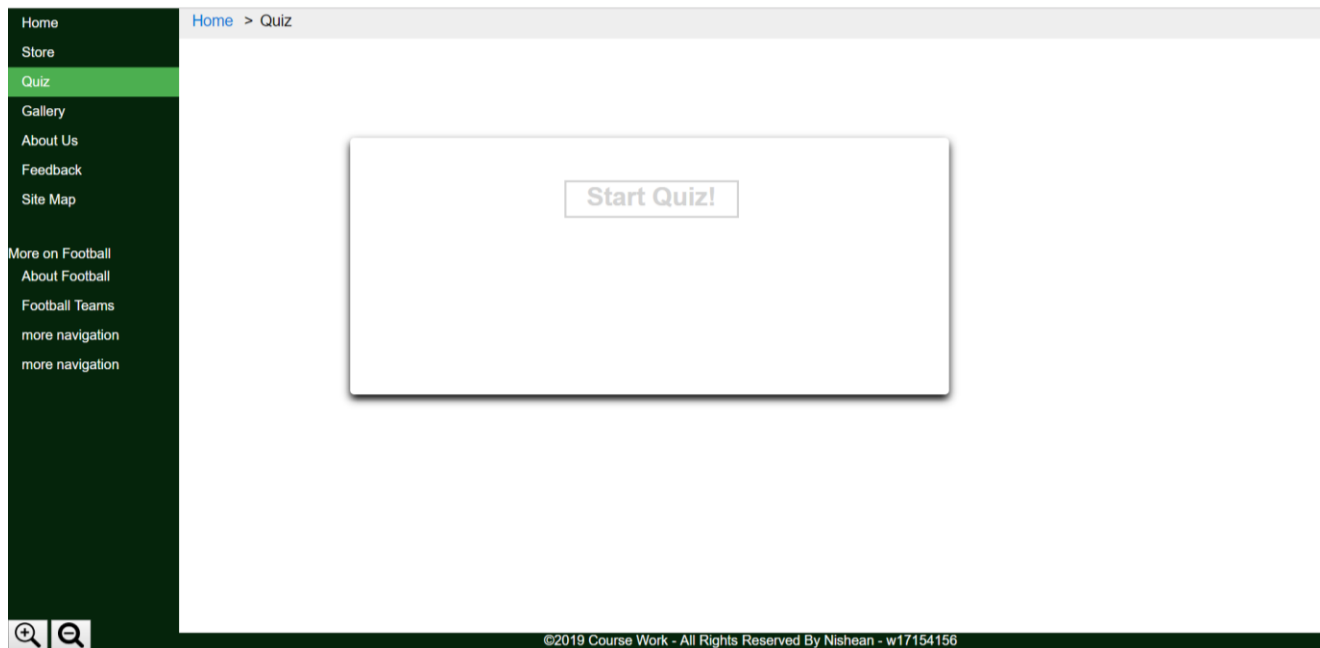
.professionalDetail{

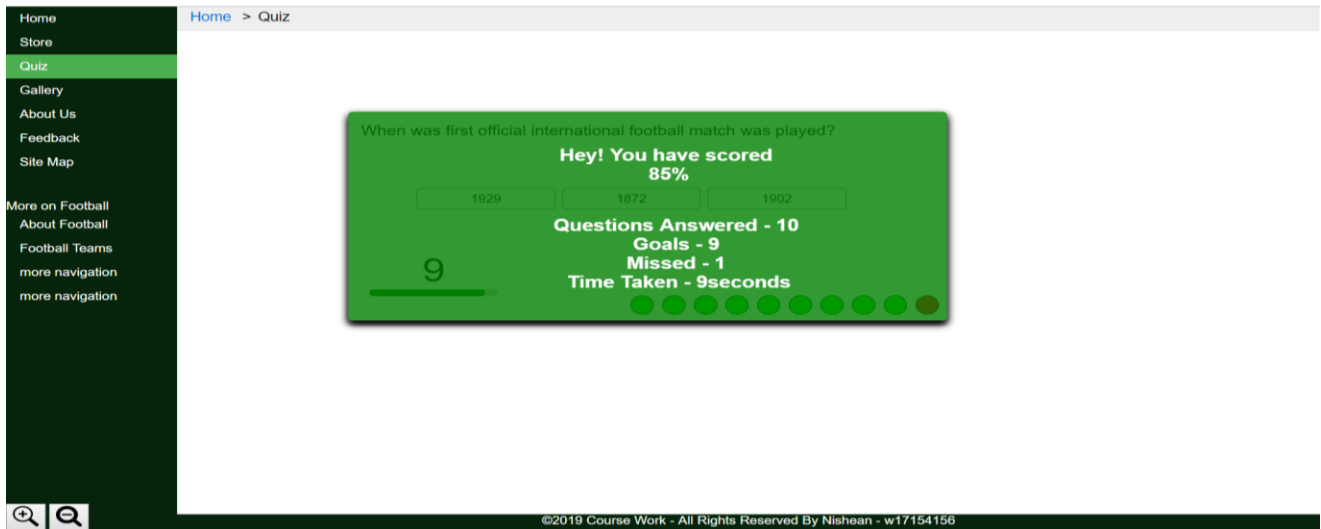
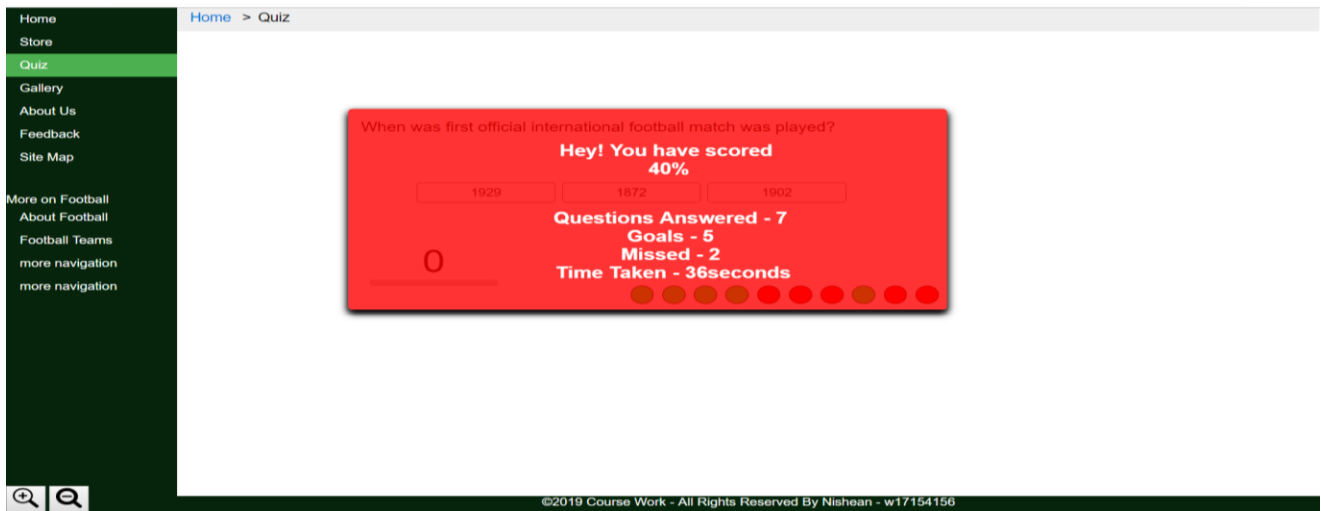
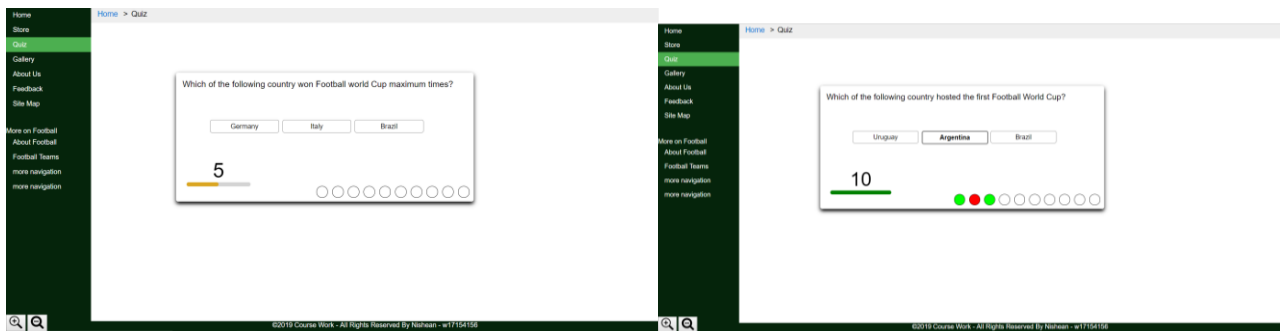
```

```
margin-bottom: 20px;
}
```

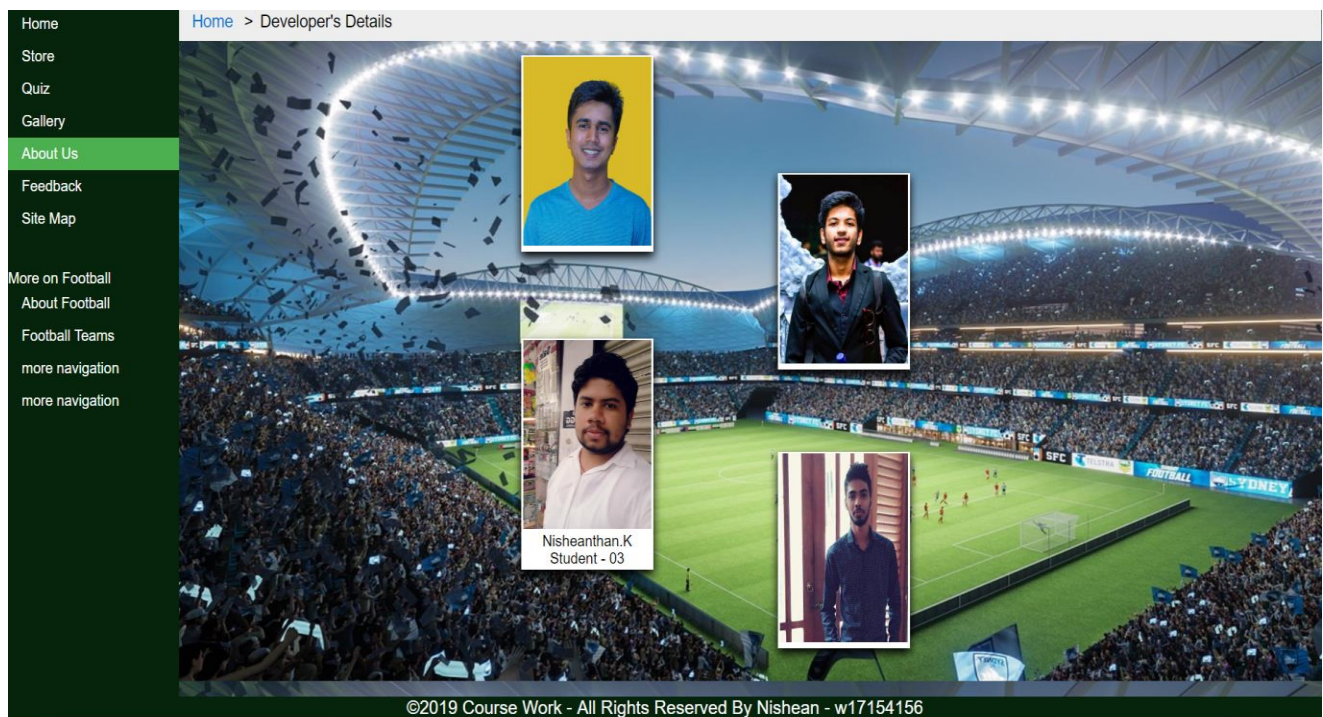
## Appendix B: Screenshots

### File – Quiz page





## File – Details page





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[Store](#)  
[Quiz](#)  
[Gallery](#)  
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[About Football](#)  
[Football Teams](#)  
[more navigation](#)  
[more navigation](#)

## History of Football

The contemporary history of the world's favourite game spans more than 100 years. It all began in 1863 in England, when rugby football and association football branched off on their different courses and the Football Association in England was formed - becoming the sport's first governing body.

Both codes stemmed from a common root and both have a long and intricately branched ancestral tree. A search down the centuries reveals at least half a dozen different games, varying to different degrees, and to which the historical development of football has been traced back. Whether this can be justified in some instances is disputable. Nevertheless, the fact remains that people have enjoyed kicking a ball about for thousands of years and there is absolutely no reason to consider it an aberration of the more 'natural' form of playing a ball with the hands.

On the contrary, apart from the need to employ the legs and feet in tough tussles for the ball, often without any laws for protection, it was recognised right at the outset that the art of controlling the ball with the feet was not easy and, as such, required no small measure of skill. The very earliest form of the game for which there is scientific evidence was an exercise from a military manual dating back to the second and third centuries BC in China.

This Han Dynasty forebear of football was called Tsu' Chu and it consisted of kicking a leather ball filled with feathers and hair through an opening, measuring only 30-40cm in width, into a small net fixed onto long bamboo canes. According to one variation of this exercise, the player was not permitted to aim at his target unimpeded, but had to use his feet, chest, back and shoulders while trying to withstand the attacks of his opponents. Use of the hands was not permitted.

Another form of the game, also originating from the Far East, was the Japanese Kemari, which began some 500-600 years later and is still played today. This is a sport lacking the competitive element of Tsu' Chu with no struggle for possession involved. Standing in a circle, the players had to pass the ball to each other, in a relatively small space, trying not to let it touch the ground.

The Greek 'Episkyros' - of which few concrete details survive - was much livelier, as was the Roman 'Harpastum'. The latter was played out with a smaller ball by two teams on a rectangular field marked by boundary lines and a centre line. The objective was to get the ball over the opposition's boundary lines and as players passed it between themselves, trickery was the order of the day. The game remained popular for 700-800 years, but, although the Romans took it to Britain with them, the use of feet was so small as to scarcely be of consequence.

## Rules and Regulations

### 1. Ball in and out of Play

This Page Has

History of Football

Rules and Regulations

1. Ball In and Out of Play
2. Method of scoring
3. Offside
4. Fouls and Misconducts
5. Free Kicks
6. Penalty Kick
7. Throw-In
8. Goal Kick
9. Corner Kick

[All about Football](#)

[File | D:/02.WebDev/Semester\\_1/Coursework01/WebGroupCoursework/Student03/About\\_football.html](#)

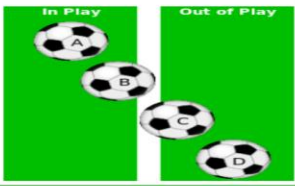
[Home](#)  
[Store](#)  
[Quiz](#)  
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[More on Football](#)  
[About Football](#)  
[Football Teams](#)  
[more navigation](#)  
[more navigation](#)

## Rules and Regulations

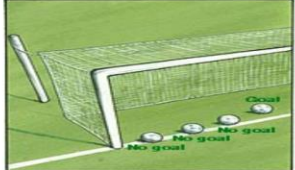
### 1. Ball in and out of Play

The soccer ball is out of bounds when it has crossed the goal line or touchline whether on the ground or in air. If it rebounds off the referee, an assistant referee, a goal post, crossbar, or corner flag post and remains inside the field, then it is still in play.



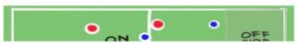
### 2. Method of scoring

A goal is scored in football if the ball crosses the goal line between the two goalposts and under the crossbar, as long as no violation of the rules has taken place. The side that scores the most goals wins. If both teams have the same number of goals at the end of the match, it is considered a draw even if neither of them scored a goal.



### 3. Offside

A player is in offside position if there are fewer than two defenders (including the goalie) between him and the goal line. A violation of the offside rule in football occurs if he is in that position and the ball is played to him.



This Page Has


History of Football

Rules and Regulations

1. Ball In and Out of Play
2. Method of scoring
3. Offside
4. Fouls and Misconducts
5. Free Kicks
6. Penalty Kick
7. Throw-In
8. Goal Kick
9. Corner Kick

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Education Details	
<b>Undergraduate Program</b>	
BEng. Software Engineering at Informatics Institute of Technology - 2018	
<b>G.C.E. Advanced Level</b>	<b>G.C.E. Ordinary Level</b>
School – Highlands College, Hatton. Year - 2016	School – Highlands College, Hatton. Year - 2013
Combined Mathematics – C Physics – C Chemistry - S General English – A GIT – A General Knowledge - 77	Mathematics -A English -A Commerce -A Information Technology -A History -A Religion -A Science -B Tamil Language -C English Literature -C
<b>Professional Details</b>	
Customer Care Executive (July/2017 – August/2018) Company : Aegis Service Lanka (pvt) Ltd. Job Role : Handling Customer Queries for Dialog Television	
<b>Personal Skills</b>	
<ul style="list-style-type: none"><li>• Team Player</li><li>• Self-Organization</li><li>• Flexibility</li><li>• Time-Management</li><li>• Self Confidence</li><li>• Creative approaches on problem solving</li></ul>	


<b>Nisheanthan</b> Karthikeyan
<b>Contact Details</b>
<b>Phone:</b> 0771262892 <b>Mail:</b> nisheanthan@gmail.com <b>Address:</b> 174 3/7, MJM Laffir Mawatha, Colombo-12.
<b>Personal Details</b>
<b>Full Name:</b> Karthikeyan Nisheanthan <b>DOB:</b> 20/06/1997 <b>Gender:</b> Male <b>Nationality:</b> Srilankan <b>NIC:</b> 971723491v <b>Religion:</b> Hinduism
<b>Personal Interests</b>
<div>Cricket</div> <div>Chess</div> <div>Carrom</div> <div>Coding</div>

## Appendix C: Individual Statement

Student Name:	Nisheanthan Karthikeyan	Student Id:	W17154156
State what tasks you carried out in the project.			
<ul style="list-style-type: none"><li>1. Quiz page with 10 MCQ Questions.</li><li>2. Team Member Details with their images and details when hover</li><li>3. Individual page – About Football</li><li>4. Designed CV</li></ul>			
State what you enjoyed and did not enjoy about teamwork.			
<p>Enjoyed – Found Friendship when the tasks became harder as time went. Sharing Knowledge</p> <p>Not – Enjoyed – Could not find spare time. (We were always busy)</p>			
State what you learnt about teamwork.			
<p>Learning and Teaching will always help improving the knowledge. Getting to a common decision is always mandatory Each of the suggestions should be considered</p>			
State what skills you gained/learnt from undertaking the project.			
<p>Working under pressure and deadline Negotiations with peers.</p>			
State any strengths about yourself that emerged whilst undertaking the project.			
<p>I can spend a lot of time on designing to make sure all like the page.</p>			

State any weaknesses about yourself that emerged whilst undertaking the project.			
Selecting the tasks associated with members. (Could not find out which suits me more on specified tasks). Did not know anything about UI & UX principle			
State how you would do things better if you were to undertake the project again.			
Will Start work earlier and finished earlier. More functionality to keep user interactive with pages. Would work with more clear UI & UX principles			
Additional general or project specific comments:			
Few things was not clear, we needed to contact course leader often.			
Student Signature:	Nisheanthan	Date:	19/03/2019